

1. From Tuna to Cod – Global Patterns in Marine Predatory Fish

P. D. van Denderen, K. H. Andersen, M. Lindegren, R. A. Watson, (2018). *Nature Ecology and Evolution* 2, pelagic, global, fishes, climate change, energy, food chain, ecology

10.1038/s41559-017-0388-z, <http://www.ecomarres.com/downloads/pelagic.pdf>

2. Plenty More Fish in the Sea?

R. A. Watson, T. J. Pitcher, S. Jennings, (2017). *Fish and Fisheries* 18, 105-113.

Conservation, global abundance, historical fishing, reconstruction, stock assessment

10.1111/faf.12128, <http://www.ecomarres.com/downloads/FishinSea.pdf>

3. Global Seafood Trade Flows and Developing Economies: Insights from Linking Trade to Production.

R. A. Watson, R. Nichols, V. W. Y. Lam, U. R. Sumaila, (2017). *Marine Policy* 82, 41-49.

global seafood trade; global fisheries; seafood value; developing nations; access agreements

, <http://www.ecomarres.com/downloads/Trade2.pdf>

4. A Database of Global Marine Commercial, Small-Scale, Illegal and Unreported Fisheries Catch 1950-2014.

R. Watson, (2017). *Nature Scientific Data* 4,

10.1038/sdata.2017.39, <http://www.ecomarres.com/downloads/scidata.pdf>

5. Reconciling Fisheries Catch and Ocean Productivity

C. A. Stock, J. G. John, R. R. Rykaczewski, R. G. Asch, W. W. L. Cheung, J. P. Dunne, K. D. Friedland, V. W. Y. Lam, J. L. Sarmiento, R. A. Watson, (2017). *PNAS* 114, E1441-E1449.

10.1073/pnas.1610238114, <http://www.ecomarres.com/downloads/CatchProduction.pdf>

6. Drivers of Fuel Use in Rock Lobster Fisheries

R. Parker, C. Gardner, B. S. Green, K. Hartmann, R. A. Watson, (2017). *ICES Journal of Marine Science*, energy, fisheries, fuel, greenhouse gas emissions, lobster.

10.1093/icesjms/fsx024, <http://www.ecomarres.com/downloads/lobsterfuel.pdf>

7. Improving Understanding of Fisheries Functional Diversity by Exploring the Influence of Global Catch Reconstruction

K. L. Nash, R. A. Watson, B. S. Halpern, E. A. Fulton, J. L. Blanchard, (2017). *Nature Scientific Reports* 7,

Global Fisheries; sustainability; planetary boundaries; marine ecology; policy

10.1038/s41598-017-10723-1, <http://www.ecomarres.com/downloads/Functional.pdf>

8. Planetary Boundaries for a Blue Planet

K. L. Nash, C. Cvitanovic, E. A. Fulton, B. S. Halpern, E. J. Milner-Gulland, R. A. Watson, J. L. Blanchard, (2017). *Nature Ecology and Evolution* 1, 1625-1634.

Global Fisheries; marine ecology; functional traits; ecosystems; resilience; database

10.1038/s41559-017-0319-z, <http://www.ecomarres.com/downloads/Planetary.pdf>

9. Widely Used Marine Seismic Survey Air Gun Operations Negatively Impact Zooplankton

R. D. McCauley, R. D. Day, K. M. Swadling, Q. P. Fitzgibbon, R. A. Watson, J. M. Semmens, (2017). *Nature Ecology and Evolution* 1,

seismic; zooplankton; marine; ecosystems; impacts

10.1038/s41559-017-0195, <http://www.ecomarres.com/downloads/seismic.pdf>

10. Farming and the Geography of Nutrient Production for Human Use

M. Herrero, P. K. Thornton, B. Power, J. Bogard, R. Remans, S. Fritz, J. Gerber, G. C. Nelson, L. See, K. Waha, R. A. Watson, P. West, L. Samberg, J. van de Steeg, E. Stephenson, M. van Wijk, P. Havlik, (2017). *Lancet Planetary Health* 1, e33–42.

Global Fisheries; nutrition; biodiversity

, <http://www.ecomarres.com/downloads/Nutrition.pdf>

11. Assessing the Environmental Impacts of Seafood as Part of a Sustainable Diet

A. Farmery, S. Jennings, C. Gardner, R. A. Watson, B. Green, (2017). *Fish and Fisheries* 18, 607–618.

aquaculture, food, greenhouse gas emissions, life cycle assessment, nutrition, wild-capture

10.1111/faf.12205, <http://www.ecomarres.com/downloads/seafooddiet.pdf>

12. Naturalness as a Basis for Incorporating Marine Biodiversity into Life Cycle Assessment of Seafood.

A. K. Farmery, S. Jennings, C. Gardner, R. A. Watson, B. Green, (2017). *The International Journal of Life Cycle Assessment*,

Life cycle assessment, biodiversity, land use, sea floor, seawater column, seafood, hemeroby, naturalness

13. Considering Land-Sea Interactions and Trade-Offs for Food and Biodiversity

R. S. Cottrell, A. Fleming, E. A. Fulton, K. L. Nash, R. A. Watson, J. L. Blanchard, (2017). *Global Change Biology*, 1-17.

Land-sea, interactions, trade-offs, food production, food security, biodiversity, sustainable development

10.1111/gcb.13873, <http://www.ecomarres.com/downloads/Interface.pdf>

14. Continental-Scale Hotspots of Pelagic Fish Abundance Inferred from Commercial Catch Records

P. Bouchet, J. Meeuwig, Z. Huang, T. Letessier, S. Nichol, R. A. Watson, (2017). *Global Ecology and Biogeography*, 1-14.

submarine canyon, marine protected areas, pelagic fish, hotspot, topography, geomorphometrics, spatial modelling, random forest, catch standardisation

10.1111/geb.12619, <http://www.ecomarres.com/downloads/Canyon.pdf>

15. **Linked Sustainability Challenges and Trade-Offs among Fisheries, Aquaculture and Agriculture**

J. L. Blanchard, R. A. Watson, E. A. Fulton, R. S. Cottrell, K. L. Nash, A. Bryndum-Buchholz, M. Büchner, D. A. Carozza, W. Cheung, J. Elliott, L. N. K. Davidson, N. K. Dulvy, J. P. Dunne, T. D. Eddy, E. Galbraith, H. K. Lotze, O. Maury, C. Muller, D. P. Tittensor, S. Jennings, (2017). *Nature Ecology and Evolution* 1, 1240–1249.

fisheries;sustainability;Food security;global;agriculture

10.1038/s41559-017-0258-8, <http://www.ecomarres.com/downloads/NEE2.pdf>

16. **Global Fishing Capacity and Fishing Effort from 1950–2012**

J. D. Bell, R. A. Watson, Y. Ye, (2017). *Fish and Fisheries* 18, 489–505.

Fisheries management; fishing power; fishing energy use; fishing efficiency; global

10.1111/faf.12187, <http://www.ecomarres.com/downloads/Effort3.pdf>

17. **Global Fishing Capacity and Fishing Effort from 1950–2012 Corrigendum**

J. D. Bell, R. A. Watson, Y. Ye, (2017). *Fish and Fisheries* 18, 792-793.

Fisheries management; fishing power; fishing energy use; fishing efficiency; global

10.1111/faf.12234, http://www.ecomarres.com/downloads/Effort3_correction.pdf

18. **Provenance of Global Seafood**

R. A. Watson, B. S. Green, S. Tracey, A. Farmery, T. J. Pitcher, (2016). *Fish and Fisheries* 17, 585-595.

Export, import, mapping, Seafood consumption, provenance, seafood

10.1111/faf.12129, <http://www.ecomarres.com/downloads/Provenance.pdf>

19. **Marine Foods Sourced from Farther as Their Use of Global Ocean Primary Production Increases.**

R. A. Watson, G. Nowara, K. Hartmann, B. S. Green, S. Tracey, C. G. Carter, (2015). *Nature communications* 6,

Seafood consumption; seafood production; Food security; Global Fisheries; Aquaculture

10.1038/ncomms8365, <http://www.ecomarres.com/downloads/Farther.pdf>

20. **Species Traits and Climate Velocity Explain Geographic Range Shifts in an Ocean Warming Hotspot**

J. M. Sunday, G. T. Pecl, S. Frusher, A. J. Hobday, N. Hill, N. J. Holbrook, G. J. Edgar, R. Stuart-Smith, N. Barrett, T. Wernberg, R. A. Watson, D. A. Smale, E. A. Fulton, D. Slawinski, M. Feng, B. T. Radford, P. A. Thompson, A. E. Bates, (2015). *Ecology Letters*,

range shifts, climate change, species traits, range extension, climate velocity, functional traits, climate response

10.1111/ele.12474, <http://www.ecomarres.com/downloads/Range.pdf>

21. Winners and Losers in a World Where the High Seas Is Closed to Fishing.

U. R. Sumaila, W. Y. Lam, D. D. Miller, L. Teh, R. A. Watson, D. Pauly, D. Zeller, W. W. L. Cheung, I. M. Côté, A. D. Rogers, C. M. Roberts, E. Sala, (2015). *Nature Scientific Reports* 5,

Global Fisheries, high seas, Exclusive Economic Zones, tuna

10.1038/srep08481, <http://www.ecomarres.com/downloads/openocean.pdf>

22. Environmental and Economic Dimensions of Fuel Use in Australian Fisheries

R. W. R. Parker, K. Hartmann, B. S. Green, C. Gardner, R. A. Watson, (2015). *Journal of Cleaner Production* 87, 78-86.

Fuel, australia, Fisheries, Fisheries, Fuel, Fuel consumption, Carbon footprint, Life cycle assessment, Oil prices

10.1016/j.jclepro.2014.09.081, http://www.ecomarres.com/downloads/Fuel_Parker.pdf

23. Fishing Access Agreements and Harvesting Decisions of Host and Distant Water Fishing Nations

R. Nichols, S. Yamazaki, S. Jennings, R. A. Watson, (2015). *Marine Policy* 54, 77–85.

Fisheries, Access agreements, Tuna, Pacific island nations, Distant water fishing nations

10.1016/j.marpol.2014.12.019, <http://www.ecomarres.com/downloads/access.pdf>

24. Is Fisheries Production within Large Marine Ecosystems Determined by Bottom-up or Top-Down Forcing?

C. J. McOwen, W. W. L. Cheung, R. R. Rykaczewski, R. A. Watson, L. J. Wood, (2015). *Fish and Fisheries* 16, 623-632.

bottom-up; climate forcing; fishing effort; Large Marine Ecosystem; LME; top-down; fisheries production; primary production

10.1111/faf.12082, <http://www.ecomarres.com/downloads/Production.pdf>

25. When Is a Fishery Sustainable?

R. Hilborn, E. A. Fulton, B. S. Green, K. Hartmann, S. R. Tracey, R. A. Watson, (2015). *Canadian Journal Fisheries and Aquatic Sciences* 72, 1433-1441.

sustainability; Global Fisheries; Fisheries management; stock assessment

10.1139/cjfas-2015-0062, <http://www.ecomarres.com/downloads/Sustainable.pdf>

26. Life Cycle Assessment of Wild Capture Prawns: Expanding Sustainability Considerations in the Australian Northern Prawn Fishery.

A. Farmery, C. Gardner, B. Green, S. Jennings, R. Watson, (2015). *Journal of Cleaner Production* 87, 96-104.

Northern prawn fishery, Banana and tiger prawn, Shrimp trawling, Greenhouse gas emissions, Sustainable seafood, LCA, prawn, shrimp, trawling

10.1016/j.jclepro.2014.10.063, http://www.ecomarres.com/downloads/NPF_LCA.pdf

27. Domestic or Imported? An Assessment of Carbon Footprints and Sustainability of Seafood Consumed in

Australia

A. K. Farmery, B. G. Green, S. Jennings, R. A. Watson, C. Gardner, (2015). *Environmental Science & Policy* 54, 35-43.

imports, seafood trade, supply chain, life cycle assessment, food miles, sustainable seafood, Australia

, http://www.ecomarres.com/downloads/Anna_Seafood.pdf

28. Reinventing Residual Reserves in the Sea: Are We Favouring Ease of Establishment over Need for Protection?

R. Devillers, R. L. Pressey, A. Grech, J. N. Kittinger, G. J. Edgar, T. Ward, R. Watson, (2015). *Aquatic Conservation* 25, 480-504.

marine protected areas; mpa; residual reserves; global

10.1002/aqc.2445, <http://www.ecomarres.com/downloads/aqc1.pdf>

29. The Global Ocean Is an Ecosystem: Simulating Marine Life and Fisheries

V. Christensen, M. Coll, J. Buszowski, W. W. L. Cheung, T. L. Frölicher, J. Steenbeek, C. A. Stock, R. A. Watson, C. J. Walters, (2015). *Global Ecology and Biogeography* 24, 507–517.

Ecosystem model; end-to-end model; fish biomass trends; fish catches; food security; model tuning; seafood production; world ocean

10.1111/geb.12281, <http://www.ecomarres.com/downloads/globalocean.pdf>

30. Primary Productivity Demands of Global Fishing Fleets

R. Watson, D. Zeller, D. Pauly, (2014). *Fish and Fisheries* 15, 231-241.

primary production; Large Marine Ecosystem; LME; global fishing fleets; marine fishing

10.1111/faf.1201, <http://www.ecomarres.com/downloads/ppr.pdf>

31. The Global Contribution of Forage Fish to Marine Fisheries and Ecosystems

E. K. Pikitch, J. R. Konstantine, T. E. Essington, C. Santora, D. Pauly, R. Watson, U. R. Sumaila, P. D. Boersma, I. L. Boyd, D. O. Conover, P. Cury, S. S. Heppell, E. D. Houde, M. Mangel, E. Plaganyi-Lloyd, K. Sainsbury, R. S. Steneck, T. M. Geers, N. Gownaris, S. P. Munch, (2014). *Fish and Fisheries* 15, 43-64.

ecosystem-based management; ecosystem service; fisheries value; forage fish; supportive values; trade-offs

10.1111/f, <http://www.ecomarres.com/downloads/ForageFish.pdf>

32. Energy Prices and (Sea)Food Security

N. Pellitier, J. André, A. Charef, D. Damalas, B. Green, R. Parker, R. Sumaila, G. Thomas, R. Tobin, R. Watson, (2014). *Global Environmental Change* 24, 30-41.

food security; energy price; fuel; fisheries; aquaculture; adaptive capacity; vulnerability

101016/jgloenvcha201311014, <http://www.ecomarres.com/downloads/Fuel2.pdf>

33. Tropical Marginal Seas: Priority Regions for Managing Marine Biodiversity and Ecosystem Function

A. D. McKinnon, A. Williams, J. Young, D. Ceccarelli, P. Dunstan, R. J. W. Brewin, R. Watson, R. Brinkman, M. Cappo, S. Duggan, R. Kelley, K. Ridgway, D. Lindsay, D. Gledhill, T. Hutton, A. Richardson, J., (2014). *Annual Review of Marine Science* 6, 1-23.

coral reef; fisheries; pelagic; deep sea; transboundary management

10.1146/annurev-marine-010213-135042, <http://www.ecomarres.com/downloads/Marginal.pdf>

34. Where the Waters Meet: Sharing Ideas and Experiences between Inland and Marine Realms to Promote Sustainable Fisheries Management.

S. J. Cooke, R. Arlinghaus, D. M. Bartley, T. D. Beard, I. G. Cowx, T. E. Essington, O. P. Jensen, A. Lynch, W. W. Taylor, R. Watson, (2014). *Canadian Journal of Fisheries and Aquatic Sciences* 71, 1593-1601.

fisheries management, freshwater, inland fisheries, global fisheries, marine fisheries, sustainability

10.1139/cjfas-2014-0176, <http://www.ecomarres.com/downloads/fresh1.pdf>

35. Defining and Observing Stages of Climate-Mediated Range Shifts in Marine Systems.

A. E. Bates, G. Pecl, S. Frusher, A. J. Hobday, T. Wernberg, D. A. Smale, J. M. Sunday, R. K. Colewell, N. Dulvy, G. J. Edgar, M. Feng, E. A. Fulton, N. Hill, N. Holbrook, B. T. Radford, D. Slawinski, P. A. Thompson, R. A. Watson, (2014). *Global Environmental Change* 26, 27-38.

species; redistribution; range; attribution; prediction; biogeography; warming; climate change; abundance–occupancy relationship

10.1016/j.gloenvcha.2014.03.009, <http://www.ecomarres.com/downloads/Stages.pdf>

36. Fishing Down the Deep: Accounting for within-Species Changes in Depth of Fishing.

R. A. Watson, T. Morato, (2013). *Fisheries Research* 140, 63-65.

deep-sea; deep-water fisheries; depth of fishing; fishing deeper; global fisheries; coastal

10.1016/j.fishres.2012.12.004, <http://www.ecomarres.com/downloads/deeper2.pdf>

37. Coastal Catch Transects as a Tool for Studying Global Fisheries

R. Watson, D. Pauly, (2013). *Fish and Fisheries* 15, 445-455.

cross-sectional; transects; global fisheries; coastal; Large Marine Ecosystems; LME; Exclusive Economic Zones: EEZ

10.1111/faf.1202, <http://www.ecomarres.com/downloads/transect.pdf>

38. The Changing Face of Global Fisheries - the 1950s Vs. The 2000s

R. Watson, D. Pauly, (2013). *Marine Policy* 42, 1-4.

global fisheries; marine; change; history

10.1016/j.marpol.2013.01.022, <http://www.ecomarres.com/downloads/cartogram.pdf>

39. Global Marine Yield Halved as Fishing Intensity Redoubles

R. A. Watson, W. W. L. Cheung, J. A. Anticamara, R. U. Sumaila, D. Zeller, D. Pauly, (2013). *Fish and Fisheries* 14,

493–503.

fishing effort; fishing intensity; spatial expansion; yield

10.1111/j.1467-2979.2012.00483.x, <http://www.ecomarres.com/downloads/cpue.pdf>

40. Ecosystem Model of Tasmanian Waters Explores Impacts of Climate-Change Induced Changes in Primary Productivity

R. Watson, G. Nowara, S. Tracey, B. Fulton, C. Bulman, G. Edgar, N. Barrett, J. Lyle, S. Frusher, C. Buxton, (2013). *Ecological Modelling*,

climate-induced changes; climate change; marine; ecosystem model; primary productivity

10.1016/j.ecolmodel.2012.05.008, <http://www.ecomarres.com/downloads/CERF.pdf>

41. Response to Removing Biases in Forecasts of Fishery Status

U. T. Srinivasan, W. W. L. Cheung, R. Watson, U. R. Sumaila, (2013). *Journal of Bioeconomics* 16, 221-222.

overfishing; fisheries management; depletion; sustainability

10.1007/s10818-013-9160-x, <http://www.ecomarres.com/downloads/Bias2.pdf>

42. China's Distant Water Fisheries in the 21st Century.

D. Pauly, D. Belhabib, R. Blomeyer, W. Cheung, A. Cisneros-Montemayor, D. Copeland, S. Harper, V. Lam, Y. Mai, F. Le Manach, H. Österblom, K. Mok, L. van der Meer, A. Sanz, S. Shon, U. Sumaila, W. Swartz, R. Watson, Y. Zhai, D. Zeller, (2013). *Fish and Fisheries* 15, 474-488.

China; distant water; fishing; history

10.1111/faf.12032, <http://www.ecomarres.com/downloads/China2.pdf>

43. Exploring Patterns of Seafood Provision Revealed in the Global Ocean Health Index.

K. M. Kleisner, C. Longo, M. Coll, B. S. Halpern, D. Hardy, S. K. Katona, F. Le Manach, D. Pauly, A. A. Rosenberg, S. F. Samhuri, C. Scarborough, U. R. Sumaila, R. Watson, D. Zeller, (2013). *AMBIO: a Journal of the Human Environment* 42, 910-992.

indicator; status; assessment; ocean health; global

10.1007/s13280-013-0447-x, http://www.ecomarres.com/downloads/SF_Ambio.pdf

44. Global Reductions in Seafloor Biomass in Response to Climate Change

D. O. B. Jones, A. Yool, C. Wei, S. A. Henson, H. A. Ruhl, R. A. Watson, M. Gehlen, (2013). *Global Change Biology* 20, 1861–1872.

benthic; climate change; seafloor

4101111/gcb12480, <http://www.ecomarres.com/downloads/Benthic.pdf>

45. Signature of Ocean Warming in Global Fisheries Catch.

W. W. L. Cheung, R. Watson, D. Pauly, (2013). *Nature* 497, 365-368.

climate change; ocean warming; global; fisheries

10.1038/nature12156, <http://www.ecomarres.com/downloads/warm.pdf>

46. Global Ex-Vessel Fish Price Database Revisited: A New Approach for Estimating 'Missing' prices

W. Swartz, R. Sumaila, R. Watson, (2012). *Environmental and Resource Economics*, 1-14.

price; value; global marine fisheries

10.1007/s10640-012-9611, <http://www.ecomarres.com/downloads/fishprice.pdf>

47. Impact of the Deepwater Horizon Well Blowout on the Economics of U.S. Gulf Fisheries

U. R. Sumaila, A. Cisneros-Montemayor, A. Dyck, L. Huang, W. Cheung, J. Jacquet, K. Kleisner, V. Lam, A. McCrea-Strub, W. Swartz, R. Watson, D. Zeller, D. Pauly, (2012). *Canadian Journal Fisheries and Aquatic Sciences* 69, 499-510.

oil spill; marine ecosystems; ecological impact; profit; wages

10.1139/F2011-171, <http://www.ecomarres.com/downloads/GulfSpill2.pdf>

48. Benefits of Rebuilding Global Marine Fisheries Outweigh Costs.

U. R. Sumaila, W. Cheung, A. Dyck, K. Gueye, L. Huang, V. Lam, D. Pauly, U. Srinivasan, W. Swartz, R. Watson, D. Zeller, (2012). *PLoS One* 7,

global fisheries; marine; rebuilding; costs

10.1371/journal.pone.0040542, <http://www.ecomarres.com/downloads/Benefits.pdf>

49. Global Fisheries Losses at the Exclusive Economic Zone Level, 1950 to Present

U. T. Srinivasan, R. Watson, U. R. Sumaila, (2012). *Marine Policy* 36, 544-549.

overfishing; fisheries management; depletion; sustainability

10.1016/j.marpol.2011.10.001, <http://www.ecomarres.com/downloads/Loss3.pdf>

50. Sustainability of Deep-Sea Fisheries

E. A. Norse, S. Brooke, W. W. L. Cheung, M. R. Clark, I. Ekeland, R. Froese, K. M. Gjerde, R. L. Haedrich, S. S. Heppell, T. Morato, L. E. Morgan, D. Pauly, R. Sumaila, R. Watson, (2012). *Marine Policy* 36, 307-320.

sustainability; deep-sea fisheries; fisheries collapse; fisheries economics; high seas; global fisheries

10.1016/j.marpol.2011.06.008, <http://www.ecomarres.com/downloads/deepsea.pdf>

51. The Mediterranean Sea under Siege: Spatial Overlap between Marine Biodiversity, Cumulative Threats and Marine Reserves

M. Coll, C. Piroddi, C. Albouy, F. Ben Rais Lasram, W. W. L. Cheung, V. Christensen, V. S. Karpouzi, F. Guilhaumon, D. Mouillot, M. Paleczny, M. L. Palomares, J. Steenbeek, P. Trujillo, R. Watson, D. Pauly, (2012). *Global Ecology and Biogeography* 21, 465-480.

cumulative impacts; human threats; marine biodiversity; marine conservation; marine protected areas; MPA;

Mediterranean Sea

10.1111/j.1466-8238.2011.00697.x, <http://www.ecomarres.com/downloads/Med2Coll.pdf>

52. Shrinking of Fishes Exacerbates Impacts of Global Ocean Changes on Marine Ecosystems

W. W. L. Cheung, J. L. Sarmiento, J. Dunne, T. L. Frölicher, V. W. Y. Lam, M. L. D. Palomares, R. Watson, D. Pauly, (2012). *Nature Climate Change*,

shrinkage; growth; climate change; global; marine ecosystems; ocean

10.1038/NCLIMATE1691, <http://www.ecomarres.com/downloads/size.pdf>

53. Comparison of Marine Spatial Planning Methods in Madagascar Demonstrates Value of Alternative Approaches

T. F. Allnutt, T. R. McClanahan, S. Andréfouët, M. Baker, E. Lagabrielle, C. McClennen, A. J. M. Rakotomanjaka, T. F. Tianarisoa, R. Watson, C. Kremen, (2012). *PloS one* 7, e28969.

marine spatial planning; Madagascar; MPA

10.1371/journal.pone.0028969, <http://www.ecomarres.com/downloads/Madagascar.pdf>

54. Modelling the Effects of Fishing on the Biomass of the World's Oceans from 1950 to 2006

L. Tremblay-Boyer, D. Gascuel, R. Watson, V. Christensen, D. Pauly, (2011). *Marine Ecology Progress Series* 442, 169-185.

ecosystem modelling; biomass; fisheries; marine predators; trophic level; global

10.3354/meps09375, <http://www.ecomarres.com/downloads/biomass.pdf>

55. Potential Impact of the Deepwater Horizon Oil Spill on Commercial Fisheries in the Gulf of Mexico

A. Scrub-McCrea, D. Zeller, U. R. Sumaila, W. Swartz, K. Kleisner, R. Watson, D. Pauly, (2011). *Fisheries* 36, 332-336.

oil spill; Gulf of Mexico; shrimp; closures

, <http://www.ecomarres.com/downloads/Gulf.pdf>

56. Protected and Threatened Components of Fish Biodiversity in the Mediterranean Sea.

D. Mouillot, C. Albouy, F. Guilhaumon, F. Ben Rais Lasram, M. Coll, V. DeVictor, E. Douzery, C. Meynard, D. Pauly, J. A. Tomasini, M. Troussellier, L. Velez, R. Watson, N. Mouquet, (2011). *Current Biology* 21, 1044-1050.

Mediterranean; biodiversity; hot spots

10.1016/j.cub.2011.05.005, <http://www.ecomarres.com/downloads/Med2.pdf>

57. Construction and First Applications of a Global Cost of Fishing Database

V. W. Y. Lam, U. R. Sumaila, A. Dyck, D. Pauly, R. Watson, (2011). *ICES Journal of Marine Science: Journal du Conseil* 68, 1996-2004.

catch; database; fisheries; fishing cost; fixed cost; fuel cost; global cost; sustainability; variable cost

10.1093/icesjms/fsr121, <http://www.ecomarres.com/downloads/icesfishcost.pdf>

58. **High Value and Long Life—Double Jeopardy for Tunas and Billfishes**

B. B. Collette, K. E. Carpenter, B. A. Polidoro, M. J. Juan-Jordá, A. Boustany, D. J. Die, C. Elfes, W. Fox, J. Graves, L. Harrison, R. McManus, C. V. Minte-Vera, R. Nelson, V. Restrepo, J. Schratwieser, C. Sun, A. Amorim, M. B. Peres, C. Canale, G. Cardenas, S. Chang, W. Chiang, N. Leite, H. Harwell, R. Lessa, F. L. Fredou, H. A. Oxenford, R. Serra, K. Shao, R. Sumaila, S. Wang, R. Watson, E. Yáñez, (2011). *Science* 333, 291-292.

tuna; billfish; threat; global

10.1126/science.1208730, <http://www.ecomarres.com/downloads/Tuna.pdf>

59. **Global Fishing Effort (1950–2010): Trends, Gaps, and Implications**

J. Anticamara, R. Watson, A. Gelchu, D. Pauly, (2011). *Fisheries Research* 107, 131-136.

fishing effort; global fishing; database; FAO; EU; CCAMLR

10.1016/j.fishres.2010.10.016, <http://www.ecomarres.com/downloads/effort1.pdf>

60. **Rapid Global Expansion of Invertebrate Fisheries: Trends, Drivers, and Ecosystem Effects**

S. C. Anderson, J. M. Flemming, R. Watson, H. K. Lotze, (2011). *PloS one* 6, e14735.

invertebrate; fisheries; global; ecosystem

10.1371/journal.pone.001473, <http://www.ecomarres.com/downloads/Invert.pdf>

61. **Serial Exploitation of Global Sea Cucumber Fisheries**

S. C. Anderson, J. M. Flemming, R. Watson, H. K. Lotze, (2011). *Fish and Fisheries* 12, 317-339.

beche-de-mer; seacucumber; echinoderms; global market; invertebrate fisheries; global fisheries

10.1111/j.1467-2979.2010.00397.x, <http://www.ecomarres.com/downloads/seacuc.pdf>

62. **The Spatial Expansion and Ecological Footprint of Fisheries (1950 to Present)**

W. Swartz, E. Sala, S. Tracey, R. Watson, D. Pauly, (2010). *PloS one* 5, e15143.

global fisheries; marine fisheries; primary production; sustainability; human footprint

10.1371/journal.pone.001514, <http://www.ecomarres.com/downloads/expansion.pdf>

63. **Sourcing Seafood for the Three Major Markets: The Eu, Japan and the USA**

W. Swartz, U. Rashid Sumaila, R. Watson, D. Pauly, (2010). *Marine Policy* 34, 1366-1373.

seafood consumption; global fisheries; international trade; sustainability; Japan; USA; EU; markets

10.1016/j.marpol.2010.06.011, <http://www.ecomarres.com/downloads/Swartz2.pdf>

64. **Subsidies to High Seas Bottom Trawl Fleets and the Sustainability of Deep-Sea Demersal Fish Stocks**

U. R. Sumaila, A. Khan, L. Teh, R. Watson, P. Tyedmers, D. Pauly, (2010). *Marine Policy* 34, 495-497.

subsidies; high seas; deep-sea fisheries; sustainability

10.1016/j.marpol.2009.10.004, <http://www.ecomarres.com/downloads/subsid3.pdf>

65. A Bottom-up Re-Estimation of Global Fisheries Subsidies

U. R. Sumaila, A. S. Khan, A. J. Dyck, R. Watson, G. Munro, P. Tydemers, D. Pauly, (2010). *Journal of Bioeconomics* 12, 201-225.

subsidies; global fisheries; value

10.1007/s10818-010-9091-8, <http://www.ecomarres.com/downloads/bioeco2.pdf>

66. Food Security Implications of Global Marine Catch Losses Due to Overfishing

U. T. Srinivasan, W. W. L. Cheung, R. Watson, U. R. Sumaila, (2010). *Journal of Bioeconomics* 12, 183-200.

value loss; protein; nourishment; global

10.1007/s10818-010-9090-9, <http://www.ecomarres.com/downloads/Thara2.pdf>

67. Global Fishery Development Patterns Are Driven by Profit but Not Trophic Level

S. A. Sethi, T. A. Branch, R. Watson, (2010). *Proceedings of the National Academy of Sciences* 107, 12163-12167.

fishing; harvest; management; business; trophic level

10.1073/pnas.1003236107, <http://www.ecomarres.com/downloads/PNAS27.pdf>

68. Seamount Fisheries: Do They Have a Future?

T. N. J. Pitcher, M. R. Clark, T. Morato, R. Watson, (2010). *Oceanography* 23, 134.

seamount; fisheries; trawling

1042-8275, <http://www.ecomarres.com/downloads/Oceanography.pdf>

69. The Contribution of Cephalopods to Global Marine Fisheries: Can We Have Our Squid and Eat Them Too?

M. E. Hunsicker, T. E. Essington, R. Watson, U. R. Sumaila, (2010). *Fish and fisheries* 11, 421-438.

cephalopod; invertebrates; global; marine; fisheries

10.1111/j.1467-2979.2010.00369.x, <http://www.ecomarres.com/downloads/Ceph.pdf>

70. Large-Scale Redistribution of Maximum Fisheries Catch Potential in the Global Ocean under Climate Change

W. W. L. Cheung, V. W. Y. Lam, J. L. Sarmiento, K. Kearney, R. Watson, D. Zeller, D. Pauly, (2010). *Global Change Biology* 16, 24-35.

climate change; global; marine; fisheries; catch redistribution; potential

10.1111/j.1365-2486.2009.01995.x, <http://www.ecomarres.com/downloads/GC.pdf>

71. Global Marine Primary Production Constrains Fisheries Catches

E. Chassot, S. Bonhommeau, N. K. Dulvy, F. Mélin, R. Watson, D. Gascuel, O. Le Pape, (2010). *Ecology Letters* 13, 495-505.

fisheries; bottom-up; Large Marine Ecosystem; LME; transfer efficiency

10.1111/j.1461-0248.2010.01443.x, <http://www.ecomarres.com/downloads/EL.pdf>

72. **Global Biodiversity: Indicators of Recent Declines**

S. H. M. Butchart, W. Walpole, B. Collen, A. van Strien, R. E. A. Almond, J. E. M. Baillie, B. Bomhard, C. Brown, J. Bruno, G. M. Carr, A. Chenery, J. Csirke, N. C. Davidson, M. Foster, A. Galli, J. N. Galloway, P. Genovesi, R. Gregory, M. Hockings, V. Kapos, J. Lamarque, F. Leverington, J. Loh, M. A. McGeoch, L. McRae, A. Minasyan, M. H. Morcillo, T. Oldfield, D. Pauly, S. Quader, C. Revenga, J. Sauer, J. P. W. Scharlemann, B. Skolnik, D. Spear, D. Stanwell-Smith, A. Symes, M. Tierney, T. R. Tyrrell, J. Vié, R. Watson, (2010). *Science* 328, 1164-1168.

global; biodiversity; marine

10.1126/science.1187512, <http://www.ecomarres.com/downloads/biodiversity.pdf>

73. **Effects of Climate-Driven Primary Production Change on Marine Food Webs: Implications for Fisheries and Conservation**

C. J. Brown, E. A. Fulton, A. J. Hobday, R. Matear, H. Possingham, C. Bulman, V. Christensen, R. Forrest, P. Gehrke, N. Gribble, S. Griffiths, S. H. Lozano-Montes, J. Martin, S. Metcalf, T. Okey, R. Watson, A. J. Richardson, (2010). *Global Change Biology* 16, 1194-1212.

climate change; marine; ecosystem modelling; Ecopath

10.1111/j.1365-2486.2009.02046.x, <http://www.ecomarres.com/downloads/GC2.pdf>

74. **The Trophic Fingerprint of Marine Fisheries**

T. A. Branch, R. Watson, E. A. Fulton, S. Jennings, C. R. McGilliard, G. T. Pablico, D. Ricard, S. R. Tracey, (2010). *Nature* 468, 431-435.

Marine Trophic Index; trophic level; global marine; catch; ecosystems

10.1038/nature09528, <http://www.ecomarres.com/downloads/Fingerprint.pdf>

75. **Aggregate Performance in Managing Marine Ecosystems of 53 Maritime Countries**

J. Alder, S. Cullis-Suzuki, V. Karpouzi, K. Kaschner, S. Mondoux, W. Swartz, P. Trujillo, R. Watson, D. Pauly, (2010). *Marine Policy* 34, 468-476.

environmental indicator; fisheries; sustainability; mariculture; aquaculture; marine mammal; seabird

10.1016/j.marpol.2009.10.001, <http://www.ecomarres.com/downloads/Rankings.pdf>

76. **Rebuilding Global Fisheries**

B. Worm, R. Hilborn, J. K. Baum, T. A. Branch, J. S. Collie, C. Costello, M. J. Fogarty, E. A. Fulton, J. A. Hutchings, S. Jennings, O. P. Jensen, H. J. Lotze, P. M. Mace, T. A. McClanahan, C. Minto, S. R. Palumbi, A. M. Parma, D. Ricard, A. A. Rosenberg, R. Watson, D. Zeller, (2009). *Science* 325, 578-585.

fisheries; global; management; recovery; collapse; LME

10.1126/science.1173146, <http://www.ecomarres.com/downloads/rebuild.pdf>

77. Management Effectiveness of the World's Marine Fisheries.

C. Mora, R. A. Myers, T. J. Pitcher, C. De Young, R. Sumaila, D. Zeller, R. Watson, F. J. Gaston, B. Worm, (2009). *PLoS Biology* 7, e1000131.

fisheries; global; management; sustainability

101371/journal.pbio.1000131, <http://www.ecomarres.com/downloads/Management.pdf>

78. Database-Driven Models of the World's Large Marine Ecosystems.

V. Christensen, C. Walters, R. Ahrens, J. Alder, J. Buszowski, L. B. Christensen, W. Cheung, J. Dunne, R. Froese, V. Karpouzi, K. Kaschner, K. Kearney, S. Lai, V. Lam, M. L. D. Palomares, A. Peters-Mason, C. Piroddi, J. L. Sarmiento, J. Steenbeek, R. Sumaila, R. Watson, D. Zeller, D. Pauly, (2009). *Ecological Modelling* 220, 1984-1996.

Ecopath; Ecosim; Ecosystem model; global model; LME; biomass

10.1016/j.ecolmodel.2009.04.041, <http://www.ecomarres.com/downloads/DataModel.pdf>

79. Projecting Global Marine Biodiversity Impacts under Climate Change Scenarios

W. W. L. Cheung, V. W. Y. Lam, J. L. Sarmiento, K. Kearney, R. Watson, D. Pauly, (2009). *Fish and Fisheries* 10, 235-251.

bioclimate envelope; climate change impact; global marine biodiversity; niche-based model; species turnover

10.1111/j.1467-2979.2008.00315.x, <http://www.ecomarres.com/downloads/FAF315.pdf>

80. Estimating the Worldwide Extent of Illegal Fishing

D. J. Agnew, J. Pearce, G. Pramod, T. Peatman, R. Watson, J. R. Beddington, T. J. Pitcher, (2009). *PLoS One* 4, e4570.

Illegal catch; IUU; global catch

10.1371/journal.pone.0004570, <http://www.ecomarres.com/downloads/IUU1.pdf>

81. Fuel Price Increase, Subsidies, Overcapacity, and Resource Sustainability

U. R. Sumaila, L. Teh, R. Watson, P. Tyedmers, D. Pauly, (2008). *ICES Journal of Marine Science: Journal du Conseil* 65, 832-840.

subsidy; global fishing; fuel; price

10.1093/icesjms/fsn070, <http://www.ecomarres.com/downloads/SumailaFuel.pdf>

82. The Debt of Nations and the Distribution of Ecological Impacts from Human Activities

U. T. Srinivasan, S. P. Carey, E. Hallstein, P. A. T. Higgins, A. C. Kerr, L. E. Koteen, A. B. Smith, R. Watson, J. Harte, R. B. Norgaard, (2008). *Proceedings of the National Academy of Sciences* 105, 1768-1773.

global impacts; debt; biological impacts; over-fishing

10.1073 pnas.0709562104, <http://www.ecomarres.com/downloads/PNAS1.pdf>

83. **Response to Comment on" a Global Map of Human Impact on Marine Ecosystems"**

K. Selkoe, C. Kappel, B. Halpern, F. Micheli, C. D'Agrosa, J. Bruno, K. Casey, C. Ebert, H. Fox, R. Fujita, D. Heinemann, H. S. Lenihan, E. M. P. Madin, M. Perry, E. Selig, M. Spalding, R. Steneck, S. Walbridge, R. Watson, (2008). *Science* 321, 1446c.

global; human threats; impacts; marine; mapping

84. **A Global Map of Human Impact on Marine Ecosystems**

B. S. Halpern, S. Walbridge, K. A. Selkoe, C. V. Kappel, F. Micheli, C. D'Agrosa, J. Bruno, K. Casey, C. Ebert, H. Fox, Fujita.R., D. Heinemann, H. S. Lenihan, E. M. P. Madin, M. Perry, E. Selig, M. Spalding, R. Steneck, R. Watson, (2008). *Science* 319, 948-952.

mapping; global marine; ecosystems; human threats; impacts

10.1126/science.1149345, <http://www.ecomarres.com/downloads/Halpernetal.pdf>

85. **Diminishing Sea Ice**

B. S. Halpern, C. V. Kappel, F. Micheli, K. A. Selkoe, C. D'Agrosa, J. Bruno, K. Casey, C. Ebert, H. Fox, Fujita.R., D. Heinemann, H. S. Lenihan, E. M. P. Madin, M. Perry, E. Selig, M. Spalding, R. Steneck, S. Walbridge, R. Watson, (2008). *Science* 321,

mapping; global marine; ecosystems; human threats; impacts

86. **Application of Macroecological Theory to Predict Effects of Climate Change on Global Fisheries Potential**

W. W. L. Cheung, C. Close, V. Lam, R. Watson, D. Pauly, (2008). *Marine Ecology Progress Series* 365, 187-197.

global warming; climate change; global fisheries; macroecology; range

10.3354/meps07414, <http://www.ecomarres.com/downloads/cc1.pdf>

87. **Potential Costs and Benefits of Marine Reserves in the High Seas**

U. R. Sumaila, D. Zeller, R. Watson, J. Alder, D. Pauly, (2007). *Marine Ecology Progress Series* 345, 305-310.

marine protected area; MPA; high seas; global; marine reserve

10.3354/meps07065, <http://www.ecomarres.com/downloads/HighSeas.pdf>

88. **A Global Ex-Vessel Fish Price Database: Construction and Applications**

U. R. Sumaila, A. D. Marsden, R. Watson, D. Pauly, (2007). *Journal of Bioeconomics* 9, 39-51.

landed values; catches; price; mapping; temporal applications

10.1007/s10818-007-9015-4, <http://www.ecomarres.com/downloads/fishprice.pdf>

89. **The World Trade Organization and Global Fisheries Sustainability**

U. R. Sumaila, A. Khan, R. Watson, G. Munro, D. Zeller, N. Baron, D. Pauly, (2007). *Fisheries Research* 88, 1-4.

subsidy; global fisheries; WTO

10.1016/j.fishres.2007.08.017, <http://www.ecomarres.com/downloads/Subsidy2007.pdf>

90. Modelling and Mapping Resource Overlap between Seabirds and Fisheries on a Global Scale: A Preliminary Assessment

V. S. Karpouzi, R. Watson, D. Pauly, (2007). *CM-International Council for the Exploration of the Sea* 343, 87-99.

seabird – fisheries interactions; resource overlap; foraging distribution; seabird food consumption; seabird

10.3354/meps0686, http://www.ecomarres.com/downloads/Karpouzi_et_al_2007.pdf

91. Intrinsic Vulnerability in the Global Fish Catch

W. W. L. Cheung, R. Watson, T. Morato, T. J. Pitcher, D. Pauly, (2007). *Marine Ecology Progress Series* 333, 1-12.

global catch; threat; vulnerability

0171-8630, <http://www.ecomarres.com/downloads/m333p001.pdf>

92. Impacts of Biodiversity Loss on Ocean Ecosystem Services

B. Worm, E. B. Barbier, N. Beaumont, J. E. Duffy, C. Folke, B. S. Halpern, J. B. C. Jackson, H. K. Lotze, F. Micheli, S. R. Palumbi, E. Sala, K. A. Selkoe, J. J. Stachowicz, R. Watson, (2006). *Science* 314, 787-790.

marine biodiversity; value; biodiversity; services; global

10.1126/science.1132294, <http://www.ecomarres.com/downloads/biodiversityworm.pdf>

93. Fishing Gear Associated with Global Marine Catches: I Database Development.

R. Watson, C. Revenga, Y. Kura, (2006). *Fisheries Research* 79, 97-102.

fishing gear; database; catch; trawl; dredge; purse seine

, <http://www.ecomarres.com/downloads/gear1.pdf>

94. Fishing Gear Associated with Global Marine Catches. Ii. Trends in Trawling and Dredging

R. Watson, C. Revenga, Y. Kura, (2006). *Fisheries Research* 79, 103-111.

fishing gear; database; catch; trawl; dredge

, <http://www.ecomarres.com/downloads/gear2.pdf>

95. Fishing Down the Deep

T. Morato, R. Watson, T. J. Pitcher, D. Pauly, (2006). *Fish and Fisheries* 7, 24-34.

deep-sea; deep-water fisheries; threat; global trends; global

1467-2979, <http://www.ecomarres.com/downloads/fishdeep.pdf>

96. Mapping World-Wide Distributions of Marine Mammal Species Using a Relative Environmental Suitability

(Res) Model

K. Kaschner, R. Watson, A. Trites, D. Pauly, (2006). *Marine Ecology Progress Series* 316, 285-310.

spatial modeling; habitat prediction; RES; habitat suitability

, <http://www.ecomarres.com/downloads/whale1.pdf>

97. Bioeconomic Modelling and Risk Assessment of Tiger Prawn (*Penaeus Esculentus*) Stock Enhancement in Exmouth Gulf, Australia

Y. Ye, N. Loneragan, D. Die, R. Watson, B. Harch, (2005). *Fisheries research* 73, 231-249.

bioeconomic modelling; risk assessment; stock enhancement; tiger prawn; *Penaeus esculentus*; Australia

10.1016/j.fishres.2004.12.004, <http://www.ecomarres.com/downloads/Exmouth.pdf>

98. Catching Some Needed Attention

R. Watson, J. Alder, A. Kitchingman, D. Pauly, (2005). *Marine Policy* 29, 281-284.

internet; catch; global

10.1016/j.marpol.2004.06.006, <http://www.ecomarres.com/downloads/neededattention.pdf>

99. Fueling Global Fishing Fleets

P. H. Tyedmers, R. Watson, D. Pauly, (2005). *AMBIO: a Journal of the Human Environment* 34, 635-638.

fuel; energy; global fleets

0044-7447, <http://www.ecomarres.com/downloads/ambio.pdf>

100. Global Trends in World Fisheries: Impacts on Marine Ecosystems and Food Security

D. Pauly, R. Watson, J. Alder, (2005). *Philosophical Transactions of the Royal Society B: Biological Sciences* 360, 5-12.

global; fisheries; impacts; trends

10.1098/rstb.2004.1574, <http://www.ecomarres.com/downloads/Globaltrends.pdf>

101. Background and Interpretation of the 'Marine Trophic Index' as a Measure of Biodiversity

D. Pauly, R. Watson, (2005). *Philosophical Transactions of the Royal Society B: Biological Sciences* 360, 415-423.

global; trophic level; biodiversity

10.1098/rstb.2004.1597, <http://www.ecomarres.com/downloads/BiodiversityTL.pdf>

102. Mapping Global Fisheries: Sharpening Our Focus

R. Watson, A. Kitchingman, A. Gelchu, D. Pauly, (2004). *Fish and Fisheries* 5, 168-177.

fisheries landings; fisheries statistics; global fisheries; mapping

1467-2979, <http://www.ecomarres.com/downloads/MappingFF.pdf>

103. **The Future for Fisheries**

D. Pauly, J. Alder, E. Bennett, V. Christensen, P. Tyedmers, R. Watson, (2003). *Science* 302, 1359-1361.

global; biodiversity; catch scenario; energy; fuel

0036-8075, <http://www.ecomarres.com/downloads/The%20Future%20of%20Fisheries.pdf>

104. **Hundred-Year Decline of North Atlantic Predatory Fishes**

V. Christensen, S. Guenette, J. J. Heymans, C. J. Walters, R. Watson, D. Zeller, D. Pauly, (2003). *Fish and fisheries* 4, 1-24.

Ecopath; saup; biomass decline; ecosystem modelling; Atlantic; predatory fish

1467-2979, <http://www.ecomarres.com/downloads/faf103.pdf>

105. **Estimating Illegal and Unreported Catches from Marine Ecosystems: A Basis for Change**

T. J. Pitcher, R. Watson, R. Forrest, H. Þ. Valtýsson, S. Guénette, (2002). *Fish and Fisheries* 3, 317-339.

bycatch; IUU; illegal; catch

1467-2979, <http://www.ecomarres.com/downloads/FAF-Pitcheretal2002.pdf>

106. **Towards Sustainability in World Fisheries**

D. Pauly, V. Christensen, S. Guénette, T. J. Pitcher, U. R. Sumaila, C. J. Walters, R. Watson, D. Zeller, (2002). *Nature* 418, 689-695.

sustainability; fisheries; global

10.1038/nature01017, <http://www.ecomarres.com/downloads/Pauly-et-al-Nature2002.pdf>

107. **Systematic Distortions in World Fisheries Catch Trends**

R. Watson, D. Pauly, (2001). *Nature* 414, 534-536.

landings; saup; China; global; bias

0028-0836, <http://www.ecomarres.com/downloads/Nature.pdf>

108. **A Dynamic Mass-Balance Model for Marine Protected Areas**

R. Watson, J. Alder, C. J. Walters, (2000.). *Fish and Fisheries* 1, 94-98.

marine protected areas; ecological models; Ecosim; Ecopath; marine reserves; MPA

1467-2979, http://www.ecomarres.com/downloads/reprint_mpa.pdf

109. **Marine Reserves and the Restoration of Fisheries and Marine Ecosystems in the South China Sea**

T. J. Pitcher, R. Watson, N. Haggan, S. Guénette, R. Kennish, U. R. Sumaila, D. Cook, K. Wilson, A. Leung, (2000). *Bulletin of Marine Science* 66, 543-566.

MPA; China; Hong Kong; ecosystem

0007-4977, <http://www.ecomarres.com/downloads/marinereserves.pdf>

110. Uncertainty and Risk Associated with Optimised Fishing Patterns in a Tropical Penaeid Fishery

R. A. Watson, N. R. Sumner, (1999). *Environment international* 25, 735-744.

shrimp; prawn; model; optimisation; fisheries

0160-4120, <http://www.ecomarres.com/downloads/WatsonSumner.pdf>

111. Performance of Transect and Point Count Underwater Visual Census Methods.

R. A. Watson, T. J. Quinn II, (1997). *Ecological Modelling* 104, 103-112.

visual census; transect; dive; census; model; simulation; coral reef

, <http://www.ecomarres.com/downloads/uvc2.pdf>

112. Identifying Tropical Penaeid Recruitment Patterns

R. Watson, C. T. Turnbull, K. J. Derbyshire, (1996). *Marine and freshwater research* 47, 77-85.

shrimp; recruitment; model; Australia

1448-6059, <http://www.ecomarres.com/downloads/PrawnRecruitment.pdf>

113. Evaluating Closed Season Options with Simulation for a Tropical Shrimp Fishery

R. A. Watson, V. R. Restrepo, (1995). *ICES Marine Science Symposia* 199, 391-398.

shrimp; model; optimisation; closures; prawn

0906-060X, <http://www.ecomarres.com/downloads/evalclosure.pdf>

114. Bias Introduced by the Non-Random Movement of Fish in Visual Transect Surveys

R. Watson, G. M. Carlos, M. A. Samoilys, (1995). *Ecological Modelling* 77, 205-214.

transect; diver; survey; model; simulation; coral reef

0304-3800, <http://www.ecomarres.com/downloads/Bias.pdf>

115. Closed Seasons and Tropical Penaeid Fisheries: A Simulation Including Fleet Dynamics and Uncertainty

R. A. Watson, D. J. Die, V. R. Restrepo, (1993). *North American Journal of Fisheries Management* 13, 326-336.

model; shrimp; simulation; optimisation; fleet; model; prawn; Australia; Torres Strait

0275-5947, <http://www.ecomarres.com/downloads/closures.pdf>

116. Simulation Estimates of Annual Yield and Landed Value for Commercial Penaeid Prawns from a Tropical Seagrass Habitat, Northern Queensland, Australia

R. A. Watson, R. G. Coles, W. J. L. Long, (1993). *Marine and Freshwater Research* 44, 211-219.

shrimp; value; yield; seagrass; Australia; model; simulation; prawn

1448-6059, <http://www.ecomarres.com/downloads/MF9930211.pdf>

117. Migration and Growth of Two Tropical Penaeid Shrimps within Torres Strait, Northern Australia

R. Watson, C. T. Turnbull, (1993). *Fisheries Research* 17, 353-368.

prawn; shrimp; Torres Strait; Australia; migration; growth; tiger prawn; endeavour prawn

10.1016/0165-7836(93)90135-T, <http://www.ecomarres.com/downloads/prawngrow.pdf>

118. Distribution of Seagrasses, and Their Fish and Penaeid Prawn Communities, in Cairns Harbour, a Tropical Estuary, Northern Queensland, Australia

R. G. Coles, W. J. L. Long, R. A. Watson, K. Derbyshire, (1993). *Marine and Freshwater Research* 44, 193-210.

seagrass; shrimp; habitat prediction; Australia

1448-6059, <http://www.ecomarres.com/downloads/MF9930193.pdf>

119. Sledges for Daytime Sampling of Juvenile Penaeid Shrimp

C. T. Turnbull, R. A. Watson, (1992). *Fisheries research* 14, 31-40.

shrimp; prawn; sampling; juvenile; seagrass

0165-7836, <http://www.ecomarres.com/downloads/sledges.pdf>

120. Dissipation of Spatial Closure Benefits as a Result of Non-Compliance

D. J. Die, R. A. Watson, (1992). *Mathematics and computers in simulation* 33, 451-456.

value; compliance; closure; model; simulation; Australia

0378-4754, <http://www.ecomarres.com/downloads/Dissipation.pdf>

121. A Per-Recruit Simulation Model for Evaluating Spatial Closures in an Australian Penaeid Fishery

D. J. Die, R. A. Watson, (1992). *Aquatic Living Resources* 5, 145-153.

simulation; shrimp; prawn; Australia; closure; model

1765-2952, <http://www.ecomarres.com/downloads/PerRecruit.pdf>

122. An Approach to Modelling Crustacea in Egg-Bearing Fractions as a Function of Size and Season

V. R. Restrepo, R. A. Watson, (1991). *Canadian Journal of Fisheries and Aquatic Sciences* 48, 1431-1436.

shrimp; reproduction; model; prawn; crustacean

, <http://www.ecomarres.com/downloads/crust.pdf>

123. Spatial and Seasonal Variation in Demersal Trawl Fauna Associated with a Prawn Fishery on the Central Great Barrier Reef, Australia

R. Watson, M. L. C. Dredge, D. G. Mayer, (1990). *Marine and Freshwater Research* 41, 65-77.

bycatch; trawl; shrimp; Australia; coral reef; GBR

1448-6059, <http://www.ecomarres.com/downloads/MF9900065.pdf>

124. Velvet Prawns (*Metapenaeopsis* Spp) of Torres Strait, Queensland, Australia

R. A. Watson, J. Keating, (1989). *Asian Fish. Sci* 3, 45-56.

shrimp; prawn; Torres Strait; Australia; velvet prawn; biology; recruitment; reproduction

, <http://www.ecomarres.com/downloads/velvet.pdf>

125. Temporal and Spatial Zonation of the Demersal Trawl Fauna of the Central Great Barrier Reef

R. Watson, G. Goeden, (1989). *Memoirs of the Queensland Museum* 27, 611-620.

coral reef; GBR; MPA; Australia; bycatch

0079-8835, <http://www.ecomarres.com/downloads/reefmus.pdf>

126. Growth, Mortality, Parasitism, and Potential Yields of Two *Priacanthus* Species in the South China Sea.

R. J. G. Lester, R. A. Watson, (1985). *J. Fish Biol.* 27, 307-318.

trawl; Hong Kong; China; growth; mortality; parasitology; yield; bigeye

, <http://www.ecomarres.com/downloads/Priacanth.pdf>

127. The Life Cycle and Morphology of *Tetracerasta Blepta*, Gen. Nov. Sp. Nov. And *Stegodexamene Callista*, Sp. Nov. (Trematoda: Lepocreadiidae) from the Long Finned Eel, *Anguilla Reinhardtii* Steindachner.

R. A. Watson, (1984). *Aust. J. Zool.* 32, 177-204.

parasitology; Australia; trematode; lifecycle

, <http://www.ecomarres.com/downloads/Lifecycle.pdf>

128. Metazoan Parasites of Pike, *Esox Lucius* Linnaeus, from Southern Indian Lake, Manitoba, Canada.

R. A. Watson, T. A. Dick, (1980). *J. Fish Biol.* 17, 225-261.

pike; freshwater; impacts; parasitology; Canada

, <http://www.ecomarres.com/downloads/Metazoan2.pdf>

129. The Metazoan Parasites of Whitefish *Coregonus Clupeaformis* and Cisco *C. Artedii* from Southern Indian Lake, Manitoba.

R. A. Watson, T. A. Dick, (1979). *J. Fish Biol.* 15, 579-587.

parasitology; freshwater; impacts; Canada

, <http://www.ecomarres.com/downloads/Metazoan.pdf>

130. The Whitefish Pike Parasite *Triaenophorus Crassus*

T. A. Dick, R. A. Watson, (1977). *Manitoba Nat.* 17, 26-31.

parasitology; freshwater; tapeworm; Canada

, <http://www.ecomarres.com/downloads/tapeworm.pdf>

131. Where Fisheries Have Been, and Why They Are Going.

P. D., R. Watson, D. Zeller, in *Sea the Truth: Essays on Overfishing, Pollution and Climate Change.*, K. Soeters, Ed. (Nicolaas G. Pierson Foundation, Amsterdam, The Netherlands., 2012), pp. 15-26.

132. How Much Fish Is Being Extracted from the Oceans and What Is It Worth.

R. Watson, R. Sumaila, D. Zeller, in *Ecosystem Approaches to Fisheries: A Global Perspective.*, V. Christensen, J. Maclean, Eds. (Cambridge University Press, 2011), pp. 350pp.

133. Global Fisheries Economic Analysis.

U. R. Sumaila, A. J. Dyck, A. M. Cisneros-Montemayor, R. Watson, in *Ecosystem Approaches to Fisheries: A Global Perspective.*, V. Christensen, J. Maclean, Eds. (Cambridge University Press, 2011), pp. 350pp.

134. Database-Driven Models of the World's Large Marine Ecosystems

V. Christensen, C. J. Walters, R. Ahrens, J. Alder, J. Buszowski, L. B. Christensen, W. W. L. Cheung, J. Dunne, R. Froese, V. Karpouzi, K. Kaschner, K. Kearney, S. Lai, V. Lam, M. L. D. Palomares, A. Peters-Mason, C. Piroddi, J. L. Sarmiento, J. Steenbeek, R. Sumaila, R. Watson, D. Zeller, D. Pauly, in *Sustainable Development of the World's Large Marine Ecosystem During Climate Change: A Commemorative Volume to Advance Sustainable Development on the Occasion of the Presentation of the 2010 Göteborg Award*, K. Sherman, S. Adams, Eds. (IUCN, Gland, Switzerland, 2010.), pp. 74-103.

135. Spatial Dynamics of Marine Fisheries

D. Pauly, R. Watson, in *The Princeton Guide to Ecology*, C. G. Morris, Ed. (Princeton University Press, Princeton, USA, 2009), chap. IV.10, pp. 501-509.

136. Catches from World Seamount Fisheries

R. Watson, A. Kitchingman, W. W. Cheung, in *Seamounts: Ecology, Fisheries & Conservation*, T. P. Pitcher, T. Morato, P. J. B. Hart, M. R. Clark, N. Haggan, R. S. Santos, Eds. (Blackwell, Oxford, UK, 2008), pp. 400-412.

137. The Seas Are Depleted

D. Pauly, R. A. Watson, S. U.R., in *National Geographic (Earthpulse the Essential Visual Report on Global Trends)*, K. Viesselman, Ed. (National Geographic, Washington, DC, 2008), pp. 38-39.

138. Fisheries in Large Marine Ecosystems: Descriptions and Diagnoses.

D. Pauly, J. Alder, S. Booth, W. W. L. Cheung, V. Christensen, C. Close, U. R. Sumaila, W. Swartz, A. Tavakolie, R. Watson, L. Wood, D. Zeller, in *The Unep Large Marine Ecosystem Report: A Perspective on Changing Conditions in Lmes of the World's Regional Seas*, K. Sherman, G. Kempel, Eds. (UNEP, Nairobi, 2008), vol. UNEP Regional Seas Reports and Studies, pp. 23-40.

139. Counting the Last Fish

D. Pauly, R. Watson, in *Oceans: A Scientific American Reader*, S. American, Ed. (University of Chicago Press, 2007), pp. 127-134.

140. Globalization: Effects on Fisheries Resources

J. Alder, R. Watson, in *Fisheries Globalization: Fair Trade or Piracy*, W. W. Taylor, M. G. Schechter, L. G. Wolfson, Eds. (Cambridge University Press, 2007), pp. 47-74.

141. Mapping Fisheries onto Marine Ecosystems for Regional, Oceanic and Global Integrations

R. Watson, D. Pauly, V. Christensen, R. Froese, A. Longhurst, T. Platt, S. Sathyendranath, K. Sherman, J. O'Reilly, P. Celone, in *Large Marine Ecosystems of the World: Trends in Exploitation, Protection, and Research.*, G. Hempel, K. Sherman, Eds. (Elsevier, Amsterdam, 2003), pp. 365-396.

142. Ecological Geography as a Framework for a Transition toward Responsible Fishing

D. Pauly, R. Watson, V. Christensen, in *Responsible Fisheries in the Marine Ecosystem*, M. Sinclair, G. Valdimarsson, Eds. (2003), pp. 87-101.

143. Global Overfishing

R. Watson, D. Pauly, in *National Geographic Atlas of the Ocean: The Deep Frontier*, E. Earle, Ed. (National Geographic, Washington, D.C., U.S.A, 2001), pp. 163.

144. Mapping Global Fisheries' Indicators and Potential Conflicts

R. Watson, K. Kaschner, (2004). 20p.

global, fisheries, marine mammal, diet, overlap

paper published in proceedings of the *National Symposium on Ecosystem Research and the Management of Fisheries of Fish and Fisheries*, Adelaide, South Australia, 19-24 September, 2004

145. Spatial Allocation of Global Fisheries Landings Using Rule-Based Procedures

R. Watson, (2004). 381-390.

mapping, global, landings, saup

<http://www.ecomarres.com/downloads/Spatialallocation.pdf>

paper published in proceedings of the *Second International Symposium on GIS/Spatial Analysis in Fishery and Aquatic Sciences*, University of Sussex, Brighton, U.K., 3-6 September, 2002

146. Towards Sustainable Fisheries: Mapping Regional and Global Trends in Abundance and Catches

D. Zeller, R. Watson, V. Christensen, J. Alder, M. Palomares, D. Pauly, (2003). 11pp.

mapping, fisheries, global, Atlantic

paper published in proceedings of the *Regional long-term changes in the spatial distribution, abundance and migration of pelagic and demersal resources.*, Tallinn, Estonia,

147. Multiscale Decision Support for Aquatic Protected Area Placment.

R. Watson, (2003). 191-195.

mpa, global, mapping, saup

<http://www.ecomarres.com/downloads/APA.pdf>

paper published in proceedings of the *Proceedings from the World Congress on Aquatic Protected Areas*, Cairns, Australia, August, 2002

148. Use of Stranding Data to Test a Gis Approach for Mapping Large-Scale Distributions of Poorly Known Marine Mammal Species: An Example Using the Family Ziphiidae.

K. Kaschner, R. Watson, C. MacLeod, D. Pauly, (2003).

marine mammal, model, mapping, distribution, whale

paper published in proceedings of the *Quantitative Seminar Series*, University of Washington, Seattle, Washington, USA.,

149. A Spatial Representation of the Tiger Prawn (*Penaeus Esculentus*) Fishery in Shark Bay, Western Australia

N. G. Hall, R. A. Watson, (2000). 212-230.

prawn, shrimp, management, Western Australia, Australia, model, migration

<http://www.ecomarres.com/downloads/NormPrawn.pdf>

paper published in proceedings of the *Australian Society for Fish Biology Workshop Proceedings: Fish Movement and Migration*, Albury, Victoria, Australia, 1999

150. Maximising the Landed Value from Prawn Fisheries Using a Variation on the Simulated Annealing Algorithm

R. Watson, N. R. Sumner, (1997). 864-868.

shrimp, model, optimisation, Western Australia, Australia, prawn

<http://www.ecomarres.com/downloads/PrawnSim1.pdf>

paper published in proceedings of the *International Congress on Modelling and Simulation*,

151. Computer Simulation of Fisheries Closures.

R. Watson, C. T. Turnbull, (1997). 405-410.

shrimp, prawn, model, simulation, fisheries, closures, MPA

<http://www.ecomarres.com/downloads/closesim.pdf>

paper published in proceedings of the *Developing and sustaining world fisheries resources: the state of science and management. Proceedings of 2nd World Fisheries Congress.*, Brisbane Australia, Aug 1996

152. Protecting Vulnerable Stocks in Multi-Species Prawn Fisheries.

J. W. Penn, R. A. Watson, N. Caputi, N. Hall, (1997). 122-129.

shrimp, prawn, Western Australia, Fisheries

<http://www.ecomarres.com/downloads/prawfish.pdf>

paper published in proceedings of the *Developing and sustaining world fisheries resources: the state of science and management. Proceedings of 2nd World Fisheries Congress.*, Brisbane Australia, Aug 1996

153. Making Fishing Effort in the World Ocean Sustainable: Lessons from Historic Trends

R. Watson, (2011).

paper presented at the *AAAS 2050: Will There Be Fish in the Ocean?*, Washington, D.C., U.S.A.,

effort, global, over-fishing, fisheries

154. Are Global Marine Fisheries Starving Seabirds?

M. Paleczny, R. W. Furness, E. Hammill, V. Karpouzi, M. LeCorre, A. W. Trites, R. Watson, D. Pauly, (2011).

paper presented at the *2nd International Marine Conservation Congress*, Victoria, Canada, 14-18 May 2011

seabird, impacts, global, diet, overlap

155. Spatial Overlap between Marine Biodiversity, Cumulative Threats and Marine Reserves in the Mediterranean Sea.

M. Coll, C. Piroddi, V. Christensen, V. Karpouzi, M. Paleczny, M. L. Palomares, J. Steenbeek, P. Trujillo, R. Watson, D. Pauly, C. Abouy, F. Guilhaumon, D. Mouillot, F. B. R. Lasram, C. Nicolle, W. W. L. Cheung (2011).

paper presented at the *2nd International Marine Conservation Congress*, Victoria, Canada, 14-18 May 2011

Mediterranean, mapping, biodiversity, impacts

156. Global Changes in Body Size, Distribution and Productivity of Marine Fishes under Climate Change: Implications for Conservation

W. W. L. Cheung, J. Dunne, V. W. Y. Lam, J. L. Sarmiento, R. Watson, D. Zeller, D. Pauly, (2011).

paper presented at the *2nd International Marine Conservation Congress*, Victoria, Canada, 14-18 May 2011

global, climate change, shrinkage

157. Are Global Marine Fisheries Starving Seabirds?

M. Paleczny, V. Karpouzi, P. O'Hara, R. Watson, D. Pauly, (2010).

paper presented at the *World Seabird Conference*, Victoria Canada, September 7-11, 2010

seabird, diet, overlap, fisheries, global

158. Mean Trophic Levels and the Worm-Hilborn Collaboration

T. Branch, R. Watson, E. Fulton, C. McGilliard, G. Pablico, D. Ricard, S. Tracey, (2010).

paper presented at the *American Fisheries Society*,

trophic level, Marine Trophic Index

159. Aquamaps

K. Kaschner, J. S. Ready, E. Agbayani, J. Rius, K. Kesner-Reyes, P. D. Eastwood, A. B. South, S. O. Kullander, T.

Rees, C. Close, R. Watson, D. Pauly, R. Froese, (2007).

paper presented at the *International Conference on Biodiversity Data Management*, Bedford Institute, Nova Scotia, Canada, October 2-4, 2007

biodiversity, database, mapping

160. World Fish Catch Driven by Primary Production

E. Chassot, S. Bonhommeau, F. Melin, O. Le Pape, R. Watson, D. Gascuel, (2007).

paper presented at the *PICES-ICES The effect of climate on basin-scale processes and ecosystems*,

climate change, Primary production, fisheries, impacts

161. Global Fisheries: The Big Picture

R. Watson, A. Kitchingman, (2006).

paper presented at the *Australian Society for Fish Biology*, Hobart, Australia,

global, fisheries

162. The Direct and Indirect Contribution of Cephalopods to Marine Fisheries

M. E. Hunsicker, T. E. Essington, R. Watson, R. Sumaila, (2006).

paper presented at the *American Fisheries Society*, Lake Placid, NY, U.S.A.,

invertebrate, global, cephalopod, fisheries

163. Mapping Fisheries Catches and Related Indices of West Africa: 1950 to 2000

R. Watson, (2005).

paper presented at the *Cartographie des prises halieutiques d'Afrique occidentale : 1950 à 2000 In Pêcheries maritimes, écosystèmes & sociétés en Afrique de l'Ouest : Un demi-siècle de changement, 24-28 juin 2002*, Dakar, Senegal, 2005

global, mapping, landings, statistics, impacts, Africa

<http://www.ecomarres.com/downloads/DakarWatson.pdf>

164. Fish and More: A Global Seabird-Base Is Underway

V. Karpouzi, R. Watson, D. Pauly, (2005).

paper presented at the *3rd FishBase Mini Symposium – Fish and More*, Thessaloniki, Greece,

seabird, database, fisheries, diet

165. Trends in Fish Biomass Off Northwest Africa, 1960-2000.

V. Christensen, P. A. Amorim, I. Diallo, T. Diouf, S. Guenette, J. J. Heymans, A. N. Mendy, M. Sidi, M. L. D. Palomares, B. Samb, K. A. Stobberup, J. M. Vakily, M. Vasconcellos, R. Watson, D. Pauly, (2005).

paper presented at the *Cartographie des prises halieutiques d'Afrique occidentale : 1950 à 2000 In Pêcheries maritimes, écosystèmes & sociétés en Afrique de l'Ouest : Un demi-siècle de changement, 24-28 juin 2002, Dakar, Senegal, 2005*

biomass, Africa, demersal, pelagic

[http://www.ecomarres.com/downloads/FCRR_12\(7\)_p215.pdf](http://www.ecomarres.com/downloads/FCRR_12(7)_p215.pdf)

166. **State of World's Fisheries**

R. Watson, (2004).

paper presented at the *The World Summit on Salmon*, Vancouver, B.C. Canada,

salmon, global, fisheries, impacts

167. **Probing the Depths: Reverse Engineering Fisheries Landings Statistics**

R. Watson, J. Alder, V. Christensen, D. Pauly, (2004).

paper presented at the *AAAS - Place matters – geospatial tools for marine science, conservation and management*, Seattle, Washington, U.S.A., February 10-13, 2004

mapping, landings, database, fisheries, global

168. **The Future for Global Fisheries: Several Scenarios for Action**

R. Watson, (2004).

paper presented at the *Marine Fish Conservation Network, Annual meeting*, Washington DC, U.S.A., June 2, 2004

global, fisheries, impacts

169. **Fisheries Impact on Global Marine Biodiversity and Ecosystems: Inference from Large Heterogeneous Data Sets**

D. Pauly, R. Watson, (2004).

paper presented at the *International Conference on Marine Biodiversity Data Management*, Hamburg, Germany, 29 Nov – 1 Dec, 2004

biodiversity, fisheries, impacts, global, ecological impact

170. **Mapping World-Wide Distributions of Marine Mammal Species Using a Relative Environmental Suitability (Res) Model (Poster)**

K. Kaschner, R. Watson, A. W. Trites, D. Pauly, (2004).

paper presented at the *International Conference on Marine Biodiversity Data Management*, Hamburg, Germany, 29 Nov – 1 Dec, 2004

marine mammal, distribution, global, habitat

171. R. A. Watson. (2016).

172. **A Global, Regional and National Developmental Status Assessment of Fishing Capacity and Fishing Effort**

from 1950 to 2012

J. Bell, R. A. Watson, Y. Ye, (2015). "A Global, Regional and National Developmental Status Assessment of Fishing Capacity and Fishing Effort from 1950 to 2012," *Report prepared for the Food and Agriculture Agency of the United Nations* (University of Tasmania,

, <http://www.ecomarres.com/downloads/FAOEffort.pdf>

173. Nwfs: The Atlantis Ecosystem Model in Support of Ecosystem-Based Fishery Management in the California Current Large Marine Ecosystem

R. Watson, (2014). "Nwfs: The Atlantis Ecosystem Model in Support of Ecosystem-Based Fishery Management in the California Current Large Marine Ecosystem," No. Independent Peer Review Report (Center for Independent Experts,

ecosystem modelling; Atlantis; California Current

, https://www.st.nmfs.noaa.gov/Assets/Quality-Assurance/documents/peer-review-reports/2014/2014_08_11%20Watson%20NWFS%20Atlantis%20ecosystem%20model%20review%20report.pdf

174. Catches [of the Chinese Distant- Water Fleet]

D. Pauly, D. Belhabib, W. W. L. Cheung, A. Cisneros-Montemayor, S. Harper, V. Lam, Y. Y. Mai, F. Le Manach, K. M. Mok, L. van der Meer, S. Shon, W. Swartz, U. R. Sumaila, R. Watson, L. Zhai, D. Zeller, (2012). "Catches [of the Chinese Distant- Water Fleet]," *European Parliament, Directorate General for Internal Policies, Policy Department B: Structural and Cohesion Policies - Fisheries*. (European Parliament, Brussels

China, distant water, fisheries, global, IUU

101111/faf.12032, <http://www.ecomarres.com/downloads/China2.pdf>

175. Fisheries Landings from Regional Seas

R. Watson, (2011). "Fisheries Landings from Regional Seas," *Fisheries Centre Research Report No. 19* (Fisheries Centre, University of British Columbia, Vancouver, BC, Canada

landings, global

1198-6727, <http://www.ecomarres.com/downloads/regional.pdf>

176. Spatial Expansion of Eu and Non-Eu Fishing Fleets into the Global Ocean, 1950 to Present.

R. Watson, D. Zeller, D. Pauly, (2011). "Spatial Expansion of Eu and Non-Eu Fishing Fleets into the Global Ocean, 1950 to Present.," *Report prepared for WWF's Oceans & Coasts Program P.O. Box 7, 3700AA Zeist, NL (contact Dr. Reinier Hille Ris Lambers, Senior Marine Advisor)*. (Fisheries Centre, University of British Columbia, Vancouver, Canada

spatial expansion, EU, effort, fleet, global

177. Value of Fisheries Landings in Regional Seas.

W. Swartz, R. Watson, U. R. Sumaila, (2011). "Value of Fisheries Landings in Regional Seas.," *Fisheries Centre Research Report No. 19* (UBC, Vancouver, BC(Canada),

value, price, landings

1198-6727, <http://www.ecomarres.com/downloads/regional.pdf>

178. Subsidies to Fisheries in Regional Seas

U. R. Sumaila, A. S. Khan, A. J. Dyck, R. Watson, G. Munro, P. H. Tyedmers, D. Pauly, (2011). "Subsidies to Fisheries in Regional Seas," *Fisheries Centre Research Report* No. 19 (UBC, Vancouver, BC(Canada))

subsidies, fisheries

1198-6727, <http://www.ecomarres.com/downloads/regional.pdf>

179. Deriving Indicators for Regional Seas.

S. Lai, D. Felinto, J. Steenbeek, J. Buszowski, R. Watson, D. Zeller, D. Pauly, V. Christensen, (2011). "Deriving Indicators for Regional Seas.," *Fisheries Centre Research Reports* No. 19 (Fisheries Centre, University of British Columbia., Vancouver, Canada)

indicator

1198-6727, <http://www.ecomarres.com/downloads/regional.pdf>

180. Using 'Aquamaps' for Representing Species Distribution in Regional Seas.

K. Kaschner, J. S. Ready, E. Agbayani, K. Kesner-Reyes, J. Rius-Barile, P. D. Eastwood, A. B. South, S. O. Kullander, T. Rees, R. Watson, D. Pauly, R. Froese, (2011). "Using 'Aquamaps' for Representing Species Distribution in Regional Seas.," *Fisheries Centre Research Report* No. The State of Biodiversity and Fisheries in Regional Seas (Fisheries Centre, University of British Columbia., Vancouver, Canada)

distribution, mapping

1198-6727, <http://www.ecomarres.com/downloads/regional.pdf>

181. Climate-Change Induced Species Invasions and Extirpations in Regional Seas

W. Cheung, V. Lam, J. L. Sarmiento, K. Kearney, R. Watson, D. Pauly, V. Christensen, (2011). "Climate-Change Induced Species Invasions and Extirpations in Regional Seas," *Fisheries Centre Research Report* No. 19 (University of British Columbia, Vancouver, BC, Canada)

biodiversity, climate change

1198-6727, <http://www.ecomarres.com/downloads/regional.pdf>

182. Global-Warming Induced Changes in the Catch Potential of Regional Seas

W. Cheung, V. Lam, J. L. Sarmiento, K. Kearney, R. Watson, D. Zeller, D. Pauly, V. Christensen, (2011). "Global-Warming Induced Changes in the Catch Potential of Regional Seas," *Fisheries Centre Research Report* No. 19 (UBC, Vancouver, BC(Canada)),

climate change, catch

1198-6727, <http://www.ecomarres.com/downloads/regional.pdf>

183. Diversity of Commercially Exploited Fish and Invertebrates in Regional Seas.

W. Cheung, V. Lam, M. L. Palomares, R. Watson, D. Pauly, (2011). "Diversity of Commercially Exploited Fish and Invertebrates in Regional Seas.," *Fisheries Centre Research Report* No. 19 (UBC, Vancouver, BC, Canada)

biodiversity, fisheries, invertebrate

1198-6727, <http://www.ecomarres.com/downloads/diversitycomm.pdf>

184. Sharks in the Seas around Us: How the Sea around Us Project Is Working to Shape Our Collective Understanding of Global Shark Fisheries.

J. Biery, M. L. Palomares, M. L., W. Cheung, R. Watson, S. Harper, J. Jacquet, D. Zeller, D. Pauly, (2011). "Sharks in the Seas around Us: How the Sea around Us Project Is Working to Shape Our Collective Understanding of Global Shark Fisheries.," *Sea Around Us Project, Report to Pew Environment Group* (Fisheries Centre, University of British Columbia, Vancouver, Canada)

shark, global, saup

,

185. Fisheries: Investing in Natural Capital

A. M. Bassi, J. P. Ansah, Z. Tan, A. J. Dyck, L. G. Kronbak, L. Huang, M. Bawumia, G. Munro, R. Arnason, N. Vestergaard, R. Hannesson, R. Chuenpagdee, T. Charles, W. Cheung, A. Cisneros-Montemayor, A. L. Iturriza, V. Lam, D. Pauly, W. Swartz, L. Teh, D. Schorr, R. Watson, D. Zeller, (2011). "Fisheries: Investing in Natural Capital," *Towards a green economy*. (United Nations Environment Programme,

fisheries, global

, http://www.ecomarres.com/downloads/3.0_fisheries.pdf

186. Construction and Potential Applications of a Global Cost of Fishing Database

V. W. L. Lam, U. R. Sumaila, A. Dyck, D. Pauly, R. Watson, (2010). "Construction and Potential Applications of a Global Cost of Fishing Database," *Fisheries Centre Working Paper* (Fisheries Centre, University of British Columbia, Vancouver, B.C., Canada).

costs, fishing, database

1198-6727, <http://www.ecomarres.com/downloads/fishcost.pdf>

187. Mapping Anthropogenic Drivers of Change for Biodiversity Conservation Planning in the Western Indian Ocean.

E. Lagabriele, J. Maina, L. Massé, M. Séré, R. Watson, (2009). "Mapping Anthropogenic Drivers of Change for Biodiversity Conservation Planning in the Western Indian Ocean.," *Indian Ocean Commission & World Wildlife Fund, Madagascar* (Indian Ocean Commission & World Wildlife Fund, Antananarivo, Madagascar)

mapping, impacts, biodiversity, Indian Ocean, conservation

,

188. Asymmetry in Latitudinal, Longitudinal and Bathymetric Distribution of Marine Fishes and Invertebrates.

D. Pauly, W. W. L. Cheung, C. Close, S. Hodgson, V. W. Y. Lam, R. Watson, (2008). "Asymmetry in Latitudinal, Longitudinal and Bathymetric Distribution of Marine Fishes and Invertebrates.," *Fisheries Centre Research Report No. 16* (Fisheries Centre, University of British Columbia, Vancouver, Canada)

distribution, marine fishes, invertebrates

1198-6727, <http://www.ecomarres.com/downloads/16-3-3.pdf>

189. **Adjusting for Context in Evaluating National Fisheries Statistics Reporting Systems**

D. Pauly, R. Watson, (2008). "Adjusting for Context in Evaluating National Fisheries Statistics Reporting Systems," *Fisheries Centre Research Report* No. 16 (Fisheries Centre, Univ. of British Columbia, Vancouver, Canada

statistics, landings

1198-6727, <http://www.ecomarres.com/downloads/fcrr16-7.pdf>

190. **Modelling Seasonal Distribution of Pelagic Marine Fishes and Squids**

V. W. Y. Lam, W. W. L. Cheung, C. Close, S. Hodgson, R. Watson, D. Pauly, (2008). "Modelling Seasonal Distribution of Pelagic Marine Fishes and Squids," *Fisheries Centre Research Reports* No. 16 (Fisheries Centre, University of British Columbia, Vancouver, Canada

modelling, seasonal, distribution, pelagic, marine fishes, squids

1198-6727, <http://www.ecomarres.com/downloads/16-3-2.pdf>

191. **Marine Fisheries**

K. Flower, A. Rodrigues, A. Balmford, R. Watson, (2008). "Marine Fisheries," *The Economics of Biodiversity and Ecosystems: Scoping the Science* (European Commission, Cambridge, UK

biodiversity, economics, ecosystem

, http://ec.europa.eu/environment/nature/biodiversity/economics/index_en.htm

192. **Models of the World's Large Marine Ecosystems; Gef/Lme Gloabl Project Promoting Ecosystem-Based Approaches to Fisheries Conservation and Large Marine Ecosystems**

V. Christensen, C. Walters, R. Ahrens, J. Alder, J. Buszowski, L. B. Christensen, W. Cheung, J. Dunne, R. Froese, V. Karpouzi, K. Kaschner, K. Kearney, S. Lai, V. Lam, M. L. D. Palomares, A. Peters-Mason, C. Piroddi, J. L. Sarmiento, J. Steenbeek, R. Sumaila, R. Watson, D. Zeller, D. Pauly, (2008). "Models of the World's Large Marine Ecosystems; Gef/Lme Gloabl Project Promoting Ecosystem-Based Approaches to Fisheries Conservation and Large Marine Ecosystems," *IOC Technical Series* (Unesco,

model, LME, Large Marine Ecosystem, Ecopath

,

193. **Fisheries for Forage Fish**

R. Watson, J. Alder, D. Pauly, (2006). "Fisheries for Forage Fish," *Fisheries Centre Research Reports* No. 14 (Fisheries Centre, University of British Columbia, Vancouver, Canada

fishmeal, forage fish, global fisheries

1198-6727, http://www.ecomarres.com/downloads/Chpt1_14-3.pdf

194. **Fuel Subsidies to Global Fisheries: Magnitude and Impacts on Resource Sustainability**

U. R. Sumaila, L. Teh, R. Watson, P. Tyedmers, D. Pauly, (2006). "Fuel Subsidies to Global Fisheries: Magnitude and Impacts on Resource Sustainability," *Fisheries Centre Research Reports* No. 14 (Fisheries Centre, University of British

Columbia, Vancouver, Canada

subsidy, forage fish, fuel, global

1198-6727, http://www.ecomarres.com/downloads/FCRR14_6-2.pdf

195. Subsidies to High Seas Bottom Trawl Fleets

U. R. Sumaila, A. S. Khan, L. Teh, R. Watson, P. Tyedmers, D. Pauly, (2006). "Subsidies to High Seas Bottom Trawl Fleets," *Fisheries Centre Research Reports* No. 14 (Fisheries Centre, University of British Columbia, Vancouver, Canada

subsidy, trawl, global, high seas

1198-6727, http://www.ecomarres.com/downloads/FCRR14_6-3.pdf

196. The Nature and Magnitude of Global Non-Fuel Fisheries Subsidies

A. Khan, U. R. Sumaila, R. Watson, G. Munro, D. Pauly, (2006). "The Nature and Magnitude of Global Non-Fuel Fisheries Subsidies," *Fisheries Centre Research Reports* No. 14 (Fisheries Centre, University of British Columbia, Vancouver, Canada

subsidy, forage fish, global, fisheries

1198-6727, http://www.ecomarres.com/downloads/FCRR14_6-1.pdf

197. Forage Fish Consumption by Marine Mammals and Seabirds

K. Kaschner, V. Karpouzi, R. Watson, D. Pauly, (2006). "Forage Fish Consumption by Marine Mammals and Seabirds," *Fisheries Centre Research Reports* No. 14 (Fisheries Centre, University of British Columbia, Vancouver, Canada

fishmeal, forage fish, marine mammal, seabird

1198-6727, http://www.ecomarres.com/downloads/Chpt3_14-3.pdf

198. The Direct and Indirect Contributions of Cephalopods to Global Marine Fisheries

M. E. Hunsicker, T. E. Essington, R. Watson, R. Sumaila, (2006). "The Direct and Indirect Contributions of Cephalopods to Global Marine Fisheries," *Global Ocean Ecosystem Dynamics* No. The role of squid in open ocean ecosystems (GLOBEC,

cephalopod, invertebrate, landings, global

199. Distribution Ranges of Commercial Fishes and Invertebrates.

C. Close, W. L. Cheung, S. Hodgson, V. Lam, R. Watson, D. Pauly, (2006). "Distribution Ranges of Commercial Fishes and Invertebrates.," *Fisheries Centre Research Reports* No. 14 (Fisheries Centre, University of British Columbia, Vancouver, Canada

range, distribution, fisheries, marine fishes, invertebrates, global

1198-6727, <http://www.ecomarres.com/downloads/14-4-Close.pdf>

200. Global Ex-Vessel Fish Price Database: Construction, Spatial and Temporal Applications

R. Sumaila, A. D. Marsden, R. Watson, D. Pauly, (2005). "Global Ex-Vessel Fish Price Database: Construction, Spatial and Temporal Applications," *Fisheries Centre Working Paper* (Fisheries Centre, University of British Columbia, Vancouver, Canada

price, database, global

1198-6727, www.fisheries.ubc.ca/workingpapers/index.htm

201. **On the Exploitation of Elasmobranchs, with Emphasis on Cowtail Stingray *Pastinachus Sephen* (Family *Dasyatidae*)**

D. Pauly, S. Booth, V. Christensen, W. L. Cheung, C. Close, A. Kitchingman, M. L. D. Palomares, R. Watson, D. Zeller, (2005). "On the Exploitation of Elasmobranchs, with Emphasis on Cowtail Stingray *Pastinachus Sephen* (Family *Dasyatidae*)," *Fisheries Centre Working Paper* (Fisheries Centre, University of British Columbia, Vancouver, B.C., Canada

rays, fisheries, global, stingray

1198-6727, http://www.ecomarres.com/downloads/FCWP_2005_07.pdf

202. **Patterns of Species Richness in the High Seas**

W. Cheung, J. Alder, V. Karpouzi, R. Watson, V. Lam, C. Day, K. Kaschner, D. Pauly, (2005). "Patterns of Species Richness in the High Seas," *Secretariat of the Convention on Biological Diversity, Montreal, Technical Series No. 20* (Secretariat of the Convention on Biological Diversity, Montreal, Canada

biodiversity, distribution, global, high seas

, <http://www.ecomarres.com/downloads/biodiv.pdf>

203. **Chapter 18: Marine Fisheries Systems**

A. Bakun, S. Heileman, K.-H. Kock, P. Mace, W. Perrin, K. Stergiou, U. R. Sumaila, M. Verrios, K. Freire, Y. Sadovy, V. Christensen, K. Kaschner, M.-L. Palomares, P. Tyedmers, C. Wabnitz, R. Watson, B. Worm, (2005). "Chapter 18: Marine Fisheries Systems," *Ecosystems and Human Well-being: Current State and Trends. Millennium Ecosystem Assessment*. (

climate change, assessment, biodiversity

,

204. **Exploitation Patterns in Seamount Fisheries: A Preliminary Analysis**

R. Watson, T. Morato, (2004). "Exploitation Patterns in Seamount Fisheries: A Preliminary Analysis," *Fisheries Centre Research Reports No. 12* (Fisheries Centre, University of British Columbia, Vancouver, Canada

seamount, fisheries

1198-6727, <http://www.ecomarres.com/downloads/SeamountReport.pdf>

205. **Fishing Gear Associated with Global Marine Catches**

R. Watson, E. Hoshino, J. Beblow, C. Revenga, Y. Kura, A. Kitchingman, (2004). "Fishing Gear Associated with Global Marine Catches," *Fisheries Centre Research Reports No. 12* (Fisheries Centre, University of British Columbia, Vancouver, Canada

global, fishing gear, trawl

1198-6727, <http://www.ecomarres.com/downloads/12-6.pdf>

206. Mass Balance of Atlantic Oceanic Systems

M. Vasconcellos, R. Watson, (2004). "Mass Balance of Atlantic Oceanic Systems," *Fisheries Centre Research Reports* No. 12 (Fisheries Centre, University of British Columbia, Vancouver, Canada)

ecosystem, model, Atlantic

1198-6727, <http://www.ecomarres.com/downloads/massbalance.pdf>

207. Ecological Geography as Framework for a Transition toward Responsible Fishing

D. Pauly, R. Watson, V. Christensen, (2003). "Ecological Geography as Framework for a Transition toward Responsible Fishing," *Responsible Fisheries in the Marine Ecosystem*. (Food and Agriculture Organization of the United Nations,

ecology, mapping, saup

, <http://www.ecomarres.com/downloads/Ecological%20geography%20Iceland%20conf.pdf>

208. The Rights to Fish - an Ecological Critique of Individual Transferable Quotas.

U. R. Sumaila, R. Watson, (2002). "The Rights to Fish - an Ecological Critique of Individual Transferable Quotas.," *Policy proposals and operational guidance for ecosystem-based management of marine capture fisheries* (Resource Conservation Programme, WWF Australia, Australia)

conservation, marine, ITQ, quota

, http://www.ecomarres.com/downloads/WWF_EBM.pdf

209. Policy Simulation of Fisheries in the Hong Kong Marine Ecosystem.

W. L. Cheung, R. Watson, T. J. Pitcher, (2002). "Policy Simulation of Fisheries in the Hong Kong Marine Ecosystem.," *Fisheries Centre Research Reports* No. 10 (Fisheries Centre, University of British Columbia, Vancouver, Canada)

modelling, ecosystem, policy, Hong Kong, China

1198-6727, <http://www.ecomarres.com/downloads/10-2.pdf>

210. Mapping Fisheries Landings with Emphasis on the North Atlantic

R. Watson, A. Gelchu, D. Pauly, (2001). "Mapping Fisheries Landings with Emphasis on the North Atlantic," *Fisheries Centre Research Reports* No. 9 (Fisheries Centre, University of British Columbia, Vancouver, Canada)

mapping, landings, saup

1198-6727, http://www.ecomarres.com/downloads/CatchMaps_Watson1.pdf

211. The Marine Fisheries of China: Development and Reported Catches.

R. Watson, L. Pang, D. Pauly, (2001). "The Marine Fisheries of China: Development and Reported Catches.," *Fisheries Centre Research Reports* No. 9 (Fisheries Centre, University of British Columbia, Vancouver, Canada)

landings, China, saup

1198-6727, <http://www.ecomarres.com/downloads/fullchina.pdf>

212. **Key Features of Commercial and Recreational Fisheries Statistics from the Us Atlantic Coast.**

T. Ryan, R. Watson, D. Pauly, (2001). "Key Features of Commercial and Recreational Fisheries Statistics from the Us Atlantic Coast.," *Fisheries Centre Research Reports* No. 9 (Fisheries Centre, University of British Columbia, Vancouver, Canada

landings, USA, fisheries, saup

1198-6727, http://www.ecomarres.com/downloads/USA_Ryan1.pdf

213. **Developing and Assessing Techniques for Enhancing Tropical Australian Prawn Fisheries and the Feasibility of Enhancing the Brown Tiger Prawn (*Penaeus Esculentus*) Fishery in Exmouth Gulf.**

N. R. Loneragan, D. J. Die, G. M. Kailis, R. Watson, N. Preston, (2001). "Developing and Assessing Techniques for Enhancing Tropical Australian Prawn Fisheries and the Feasibility of Enhancing the Brown Tiger Prawn (*Penaeus Esculentus*) Fishery in Exmouth Gulf.," *Revised Final Report to FRDC* (Australia

shrimp, Australia, aquaculture, model

, <http://www.ecomarres.com/downloads/1998-222-DLD.pdf>

214. **Modeling and Mapping Trophic Overlap between Marine Mammals and Commercial Fisheries in the North Atlantic.**

K. Kaschner, R. Watson, V. Christensen, A. W. Trites, D. Pauly, (2001). "Modeling and Mapping Trophic Overlap between Marine Mammals and Commercial Fisheries in the North Atlantic.," *Fisheries Centre Research Reports* No. 9 (Fisheries Centre, University of British Columbia, Vancouver, Canada

marine mammal, modelling, range, trophic, impacts

1198-6727, http://www.ecomarres.com/downloads/Mammal_Kaschner1.pdf

215. **Estimating Fish Abundance in the North Atlantic, 1950 to 2000**

V. Christensen, S. Guenette, S. Heymans, C. J. Walters, R. Watson, D. Zeller, D. Pauly, (2001). "Estimating Fish Abundance in the North Atlantic, 1950 to 2000," *Fisheries Centre Research Reports* No. 9 (Fisheries Centre, University of British Columbia, Vancouver, Canada

biomass, saup, landings, Atlantic

1198-6727, <http://www.ecomarres.com/downloads/estabundance.pdf>

216. **The Basis for Change: Part I . Reconstructing Fisheries Catch and Effort Data**

R. Watson, S. Guenette, P. Fanning, T. J. Pitcher, (2000). "The Basis for Change: Part I . Reconstructing Fisheries Catch and Effort Data," *Fisheries Centre Research Reports* No. 8 (Fisheries Centre, University of British Columbia, Vancouver, Canada

bycatch, catch, effort

1198-6727, <http://www.ecomarres.com/downloads/watson03.pdf>

217. **The Basis for Change 2: Estimating Total Fishery Extractions from Marine Ecosystems of the North Atlantic**

T. J. Pitcher, R. Watson, (2000). "The Basis for Change 2: Estimating Total Fishery Extractions from Marine Ecosystems of the North Atlantic," *Fisheries Centre Research Reports* No. 8 (Fisheries Centre, University of British Columbia, Vancouver, Canada

bycatch, IUU, saup

1198-6727, <http://www.ecomarres.com/downloads/8-2.pdf>

218. Mapping Fisheries onto Marine Ecosystems: A Proposal for a Consensus Approach for Regional, Oceanic and Global Integrations

D. Pauly, V. Christensen, R. Froese, A. Longhurst, T. Platt, S. Sathyendranath, K. Sherman, R. Watson, (2000). "Mapping Fisheries onto Marine Ecosystems: A Proposal for a Consensus Approach for Regional, Oceanic and Global Integrations," *Fisheries Centre Research Reports* No. 8 (Fisheries Centre, University of British Columbia, Vancouver, Canada

mapping, global, saup, ecosystem, LME

1198-6727, <http://www.ecomarres.com/downloads/8-2.pdf>

219. The Western Australian Scallop Industry

D. C. Harris, L. M. Joll, R. A. Watson, (1999). "The Western Australian Scallop Industry," *Fisheries Research Reports* (Fisheries Western Australia, Perth, Australia

scallop, Western Australia, Australia

, <http://www.ecomarres.com/downloads/scallop.pdf>

220. Ecosim and Mpas: A Quasi-Spatial Use of Ecosim

R. Watson, C. J. Walters, (1998). "Ecosim and Mpas: A Quasi-Spatial Use of Ecosim," *Fisheries Centre Research Reports* No. 6 (Fisheries Centre, University of British Columbia, Vancouver, B.C., Canada.

mpa, ecosim, model

1198-6727, <http://www.ecomarres.com/downloads/6-2.pdf>

221. Assessment of Hong Kong's Inshore Fishery Resources.

T. J. Pitcher, R. Watson, A. Courtney, D. Pauly, (1998). "Assessment of Hong Kong's Inshore Fishery Resources.," *Fisheries Centre Research Reports* No. 6 (Fisheries Centre, University of British Columbia, Vancouver, B.C., Canada.

Hong Kong, China, Fisheries

1198-6727, <http://www.ecomarres.com/downloads/6-1.pdf>

222. Prawn Fishery Simulation Yield Model.

R. Watson, D. J. Sterling, (1990). "Prawn Fishery Simulation Yield Model.," *Torres Strait prawn project: A review of research 1986-88* (Queensland Fisheries, Brisbane, Australia

shrimp, prawn, fisheries, Australia, management, closure

, <http://www.ecomarres.com/downloads/TSChp12.pdf>

223. **General Introduction.**

R. Watson, J. E. Mellors, (1990). "General Introduction.," *Torres Strait prawn project: A review of research 1986-88* (Queensland Fisheries, Brisbane, Australia

shrimp, Torres Strait, Australia, prawn, fisheries

, <http://www.ecomarres.com/downloads/TSChp1.pdf>

224. **Velvet Prawns (Metapenaeopsis Spp) of Torres Strait**

R. Watson, A. Keating, (1990). "Velvet Prawns (Metapenaeopsis Spp) of Torres Strait," *Torres Strait prawn project: A review of research 1986-88* (Queensland Fisheries, Brisbane, Australia

shrimp, prawn, Australia, biology, Torres Strait, velvet prawn

, <http://www.ecomarres.com/downloads/TSChp8.pdf>

225. **Commercial Prawn Catches in Torres Strait**

R. Watson, P. Channells, P. J. Blyth, (1990). "Commercial Prawn Catches in Torres Strait," *Torres Strait prawn project: A review of research 1986-88* (Queensland Fisheries, Brisbane, Australia

fisheries, Torres Strait, Australia, prawn, shrimp, landings, catch, statistics

, <http://www.ecomarres.com/downloads/TSChp2.pdf>

226. **General Discussion.**

R. Watson, (1990). "General Discussion.," *Torres Strait prawn project: A review of research 1986-88* (Queensland Fisheries, Brisbane, Australia

shrimp, prawn, Torres Strait, Australia

, <http://www.ecomarres.com/downloads/TSChp13.pdf>

227. **Fishing Patterns of the Torres Strait Fleet.**

R. Watson, P. J. Blyth, P. Channells, (1990). "Fishing Patterns of the Torres Strait Fleet.," *Torres Strait prawn project: A review of research 1986-88* (Queensland Fisheries, Brisbane, Australia

fisheries, Torres Strait, prawn, shrimp, Australia

, <http://www.ecomarres.com/downloads/TSChp3.pdf>

228. **Experimental Beam Trawls for Sampling Juvenile Prawns.**

C. T. Turnbull, R. A. Watson, (1990). "Experimental Beam Trawls for Sampling Juvenile Prawns.," *Torres Strait prawn project: A review of research 1986-88* (Queensland Fisheries, Brisbane, Australia

trawl, prawn, shrimp, seagrass, Torres Strait, Australia

, <http://www.ecomarres.com/downloads/TSChp10.pdf>

229. **Trawl Gear Performance Trials.**

D. J. Sterling, J. E. Mellors, R. Watson, (1990). "Trawl Gear Performance Trials.," *Torres Strait prawn project: A review of research 1986-88* (Queensland Fisheries, Brisbane, Australia

trawl, shrimp, Australia, performance

, <http://www.ecomarres.com/downloads/TSChp11.pdf>

230. Reproductive Biology of *Penaeus Esculentus* (Haswell, 1879) and *Metapenaeus Endeavouri* (Schmitt, 1926) in Torres Strait.

J. A. Keating, R. Watson, D. J. Sterling, (1990). "Reproductive Biology of *Penaeus Esculentus* (Haswell, 1879) and *Metapenaeus Endeavouri* (Schmitt, 1926) in Torres Strait.," *Torres Strait prawn project: A review of research 1986-88* (Queensland Fisheries, Brisbane, Australia

shrimp, Australia, Torres Strait, reproduction, biology, brown tiger prawn, NPF

, <http://www.ecomarres.com/downloads/TSChp6.pdf>

231. Movement and Growth of *Penaeus Esculentus* (Haswell, 1879) Estimated from Tagging in Torres Strait

K. Derbyshire, D. Sterling, R. Watson, A. Lisle, (1990). "Movement and Growth of *Penaeus Esculentus* (Haswell, 1879) Estimated from Tagging in Torres Strait," *Torres Strait prawn project: A review of research 1986-88* (Queensland Fisheries, Brisbane, Australia

shrimp, growth, movement, tagging, Australia, Torres Strait, brown tiger prawn

, <http://www.ecomarres.com/downloads/TSChp7.pdf>

232. Spawning, Recruitment and Life History Studies of *Penaeus Esculentus* (Haswell, 1879) in Torres Strait.

P. J. Blyth, R. Watson, D. J. Sterling, (1990). "Spawning, Recruitment and Life History Studies of *Penaeus Esculentus* (Haswell, 1879) in Torres Strait.," *Torres Strait prawn project: A review of research 1986-88* (Queensland Fisheries, Brisbane, Australia

shrimp, prawn, Australia, Torres Strait, brown tiger prawn, biology, recruitment, reproduction

, <http://www.ecomarres.com/downloads/TSChp5.pdf>

233. The Prawn Fishery

R. Watson, (1986). "The Prawn Fishery," *Synopsis of the Major Torres Strait Fisheries*. (Commonwealth Dept. Primary Industry,

shrimp, prawn, statistics, catch, Torres Strait, fisheries, landings

,

234. Trawl Fish Composition and Harvest Estimates for the Gulf of Papua

R. Watson, (1984). "Trawl Fish Composition and Harvest Estimates for the Gulf of Papua," *PNG Fisheries Reports* (Fisheries Research and Surveys Branch, Papua New Guinea Dept. Primary Industry, Port Moresby, Papua New Guinea

trawl, prawn, fisheries, Papua New Guinea, bycatch

, <http://www.ecomarres.com/downloads/PNGTrawl.pdf>

235. Changes in the Average Weight and Catch Per Unit Effort of Tunas from Papua New Guinea Waters

R. Watson, (1984). "Changes in the Average Weight and Catch Per Unit Effort of Tunas from Papua New Guinea Waters," *PNG Fisheries Reports* (Fisheries Research and Surveys Branch, Papua New Guinea Dept. Primary Industry, Port Moresby, Papua New Guinea

tuna, fisheries, effort, landings, Papua New Guinea

, <http://www.ecomarres.com/downloads/PNGTuna.pdf>

236. Fisheries Research Annual Report,

R. Watson, (1983). "Fisheries Research Annual Report,," *PNG Fisheries Research Annual Report* (Fisheries Research and Surveys Branch, Papua New Guinea Dept. Primary Industry, Port Moresby, Papua New Guinea

fisheries, Papua New Guinea, research

237. A Prediversion Analysis of the Spawning and Nursery Potential and Population of Rainbow Trout, *Salmo Gaidneri*, of the Neebing River, Thunder Bay, Ontario

R. Watson, Anon., (1977). "A Prediversion Analysis of the Spawning and Nursery Potential and Population of Rainbow Trout, *Salmo Gaidneri*, of the Neebing River, Thunder Bay, Ontario," *Ontario MNR Report* (Ontario Ministry of Natural Resources, Thunder Bay, Ontario, Canada

trout, spawning, nursery, freshwater, habitat, assessment

238. Marine Biodiversity Management

R. A. Watson, (1995). "Marine Biodiversity Management," *EMDI Environmental Reports* No. ISSN 1181-6457 (Dalhousie University and Government of Indonesia, Jakarta, Indonesia

biodiversity, Indonesia

10.13140/RG.2.2.35863.06564, <http://www.ecomarres.com/downloads/MarineBiodiversityEMDI.pdf>

239. New Perspectives of the Coastal Biodiversity Management Program. [Perspektif Baru Dalam Program Pengelolaan Keanekaragaman Hayati Sumberdaya Lautan Dan Pesisir]

(1993).

240. Commercial Prawn Catches in the Torres Strait

P. Channells, R. Watson, P. J. Blyth, (1988). *Australian Fisheries*, 23-26.

shrimp,prawn,Australia,Torres Strait,Fisheries,Fisheries management

, <http://www.ecomarres.com/downloads/Ausfish1.pdf>

241. Torres Strait Prawn Tagging a Success

(1987).

242. Closing the High Seas Opens Fishing Opportunities

R. A. Watson, (2015). *Australasian Science* May, 38.

high seas, Fisheries management

243. R. A. Watson, Close Two-Thirds of the Ocean to Make Fishing Better and Fairer. *The Conversation*. 2015.

244. Les Réserves Marines: Un Remède Efficace?

D. Pauly, R. Watson, V. Christensen, (2007.). *Les Dossiers de la V.Recherche*, 34-37.

marine reserve, MPA

245. The Future for Fisheries.

D. Pauly, J. Alder, E. Bennett, V. Christensen, R. A. Watson, (2006). *Science magazine's state of the planet (2006-2007)* 309, 29-36.

fisheries, global, assessment

1597260622,

246. What's Left: The Emerging Shape of the Global Fisheries Crisis

R. Watson, P. Tyedmers, D. Pauly, (2003). *Conservation in Practice* 4, 20-21.

global, landings, biomass, ecology

<http://www.ecomarres.com/downloads/whatsleft.pdf>

247. Mares Esquilmados

D. Pauly, R. Watson, (2003). *Investigación y ciencia*, 16-22.

global, fisheries

0210-136X,

248. Les Derniers Poissons

D. Pauly, R. Watson, (2003). *Pour la science*, 38-43.

global, fisheries, impacts, assessment

0153-4092,

249. Counting the Last Fish

D. Pauly, R. Watson, (2003). *Scientific American* 289, 42-47.

global, fisheries, assessment, impacts, over-fishing

0036-8733, <http://www.ecomarres.com/downloads/sad0703Paul5p.pdf>

250. Quand Le Poisson Vient À Manquer

D. Pauly, R. Watson, V. Christensen, (2002). *Recherche*, 80-83.

mpa, biomass, saup, fisheries, global

0029-5671, <http://www.ecomarres.com/downloads/LaRecherche.pdf>

251. Commercial Prawn Catches in Torres Strait.

R. Watson, (1988). *Australian Fisheries* January, 1988, 23-26.

shrimp, prawn, fisheries, Australia, Torres Strait

252. Torres Strait Prawn Tagging

R. Watson, (1987). *Queensland Fisherman*, 8.

Torres Strait, fisheries, trawl, tagging, prawn, shrimp

253. Prawn Tagging in Torres Strait

R. Watson, (1987). *Australian Fisheries*, 10.

prawn, shrimp, fisheries, Torres Strait, Australia, tagging

254. Early Results from Prawn Tags

R. Watson, (1987). *Queensland Fisherman*, 24.

prawn, shrimp, fisheries, Torres Strait, Australia, tagging

255. New Prawn Research in Torres Strait

R. Watson, (1986). *Australian Fisheries* January 1986, 5-6.

prawn, shrimp, fisheries, Torres Strait, Australia, tagging

256. Dpi Studying Torres St Prawns

R. Watson, (1986). *Queensland Fisherman* April, 1986, 33.

prawn, shrimp, fisheries, Torres Strait, Australia, tagging

257. The Life Cycle and Morphology of Tetracerasta Blepta, Gen. Nov. Sp. Nov. And Stegodexamene Callista, Sp. Nov. (Trematoda: Lepocreadiidae) from the Long Finned Eel, Anguilla Reinhardtii Steindachner

R. Watson, (1982), Ph.D., University of Queensland, Brisbane, Queensland, Australia.

258. Metazoan Parasites of Whitefish, Cisco and Pike from Southern Indian Lake, Manitoba: A Preimpoundment and Diversion Analysis

R. Watson, (1977), M.Sc., University of Manitoba, Winnipeg, Manitoba, Canada.

259. R. Watson, D. Pauly, in *National Geographic International Atlas of the World*. (National Geographic, 2007), pp. French, Spanish, German versions. Total Print Run: 120,000 copies and NGS Collegiate Atlas of the World.