

Allison Perry

Post-doctoral Fellow
The WorldFish Center
Penang, Malaysia

Qualifications and experience

Ph.D. Biological Sciences, 2008, University of East Anglia, Norwich, UK
M.Sc. Applied Ecology and Conservation, 2002, University of East Anglia
B.Sc. Biology, 1998, McGill University, Montreal, Canada

Expertise

Coral reefs, coral bleaching, ecosystem impacts of climate change, vulnerability, reef dependence

Current research activities

I am an ecologist with primary interests in applied issues that link climate change, marine ecosystems (particularly coral reefs), and human dependence upon coastal resources. At WorldFish, my current research focuses on the vulnerability of reef-dependent people to the loss of coral reefs, as a result of climate change and other local and large-scale stressors. My recent work has centred around large-scale effects of climate change on marine systems, including the vulnerability of national economies to climate change impacts on fisheries, long-term patterns and variability in coral bleaching across the Caribbean, and warming-related shifts in fish distributions. I have also investigated the population dynamics, fisheries, trade, and conservation of exploited marine fishes, particularly in South and Southeast Asia.

Publications

1. **Perry, A.L.**, Watkinson, A.R., Reynolds, J.D., McWilliams, J.P., and I.M. Côté. Coral bleaching: Long-term patterns of response to thermal stress in Caribbean corals. (in review, *Global Change Biology*).
2. Allison, E.H., **Perry, A.L.**, Badjeck, M.-C., Adger, W.N., Brown, K., Conway, D., Halls, A.S., Pilling, G.M., Reynolds, J.D., Andrew, N.L., and N.K. Dulvy. Vulnerability of national economies to the impacts of climate change on fisheries. (in press, *Fish and Fisheries*).
3. Goodwin, N.B., Grant, A., **Perry, A.L.**, Dulvy, N.K., and Reynolds, J.D. 2006. Life history correlates of density-dependent recruitment in marine fishes. *Canadian Journal of Fisheries and Aquatic Sciences* 63: 494-509.
4. **Perry, A.L.**, Low, P.J., Ellis, J.R., and Reynolds, J.D. 2005. Climate change and distribution shifts in marine fishes. *Science* 308: 1912-1915.

Countries worked in

Canada, Philippines, Singapore, Malaysia, Thailand, Indonesia, Bangladesh, Pakistan, India, United Kingdom, and the Netherlands Antilles

Languages

English, some French and Spanish