

Call for Case Studies

Small-Scale Fisheries and Their Interaction with Global Changes

Editors:

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In recent years, there has been an increase in awareness about global changes. Both ecosystems and human communities are changing, as a result of a wide spectrum of environmental, climate, markets and regulations changes. Among the systems affected by these changes, fisheries are experiencing strong - and sometimes dramatic – implications, especially on coastal communities whose livelihoods depend on them (Cochrane et al. 2009). This is particularly true for small-scale fisheries.

Significant progress has been made in describing and understanding the primary aspects of observed large-scale changes in fisheries production. However, little is known about how these global changes affect small-scale fisheries and the relative communities who depend on them. Considering the importance of small-scale fisheries for many coastal communities - both culturally and, particularly for developing countries, as a reliable source of food - the “Global Change Response” cluster of Too Big To Ignore (TBTI) is launching a new initiative to enhance understanding about small-scale fisheries and their susceptibility to global changes. Specifically, we are inviting case studies about small-scale fisheries anywhere in the world affected by any type of change, local or large-scale, climate-related or others (environmental, economical, markets and regulations related).

Contributors are asked to use the [I-ADApT](#) template, developed by IMBER Human Dimension Working Group (Bundy et al. 2015), to first describe the natural, social and governance systems associated with these fisheries, and to systematically examine how vulnerable these fisheries are to specific stressors in the study location. The framework also allows for documentation and appraisal of the effectiveness of the various types of responses. By applying the same framework to multiple case studies, typology of responses can be developed, based on fisheries characteristics and type of stressors. Such typology will help fishing communities and fisheries managers navigate the change and decide on proper responses.

In addition to submitting the case study using I-ADApT template, we hope you will be keen to prepare a manuscript based on your case study for a journal special issue that we’re organizing on this theme. Possible journals for the special issue are Global Environmental Change, Progress in Oceanography, and ICES.

If you would like to contribute, please send us an abstract (containing the title of the case study, location, type of change and effects on small-scale fishing communities and fisheries ecosystems), the completed I-ADApT form, and hopefully the manuscript based on the timeline below. Please send your contribution to toobigtoignore@mun.ca.

DEADLINES:

Abstract submission	November 15 th , 2016
Completion of I-ADApT template	December 15 th , 2016
Manuscript first complete draft	February 15 th , 2016

^ A workshop will be organized early next year to discuss lessons learned from applying the I-ADApT template to look at how small-scale fisheries respond to change. Contributors will be invited to this workshop. Travel support will be available for those meeting the funding eligibility criteria. Exact dates and location will be later determined.

More information about TBTI and the research cluster can be found at toobigtoignore.net. Please don't hesitate to write to us if you have questions or would like more information.

References

Bundy A, Chuenpagdee R, Cooley SR, et al (2015) A decision support tool for response to global change in marine systems: the IMBER-ADApT Framework. *Fish Fish* n/a-n/a. doi: 10.1111/faf.12110

Cochrane KL, Perry RI, Daw TM, et al (eds) (2009) *Climate change implications for fisheries and aquaculture: overview of current scientific knowledge*. Food and Agriculture Organization of the United Nations, Rome