

GLOMAR Introductory Course:

GLOMAR Introductory Course to Social Sciences in the Marine Realm

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19 – 22 November 2013, MARUM, Bremen

Objective / content

This course aims at an introduction to social sciences in the marine realm for PhD students that have their main focus in the natural sciences. It starts with an overview and then goes into exemplary topics in different disciplines. Topics and examples are chosen from the marine realm (e.g. fisheries issues, marine protected areas management).

Participants shall learn about key concepts and typical approaches in the social sciences and also about key commonalities and differences to natural science approaches. This is intended to further mutual understanding and facilitate future collaboration in inter- and transdisciplinary research and development projects.

Topics and schedule

19 November 2013	Michael Flitner	Introduction to social sciences in the marine realm
20 November 2013	Achim Schlüter	Economics and institutions
21 November 2013	Till Markus	Law of the Sea
22 November 2013	Sarah Wise	People and the sea: An introduction to anthropological perspectives in the marine realm

Target group

PhD students who have their background and dissertation project mainly in the natural sciences

Time

09.00 – 17.00

Location

MARUM, University of Bremen, Leobener Straße, 28359 Bremen, Germany

Tue, 19 November 2013 - room 0190

Wed, 20 November 2013 - room 2060

Thu, 21 November 2013 - room 2060

Fri, 22 November 2013 - room 0190

One article “must read” for each day*

Apart from interviews, reading and text work form the basis for large parts of the social sciences, including research. Also for this course, we require a certain, very limited amount of reading that will form the basis and reference point of our lectures and exercises. The course will be much easier to follow and more rewarding if you read the articles listed below:

Tuesday / Flitner

May, C.K. (2013): Power across scales and levels of fisheries governance: Explaining the active non-participation of fishers in Two Rivers, North Carolina. *Journal of Rural Studies*, 32, October 2013, pp. 26-37.

Wednesday / Schlüter

Fehr, E. and Leibbrandt, A. 2011 'A field study on cooperativeness and impatience in the Tragedy of the Commons', *Journal of Public Economics* 95(9-10), pp. 1144-1155.

Thursday / Till Markus

Summary of the current WBGU-expertise: *World in Transition - Governing the Marine Heritage* (2013); available at http://www.wbgu.de/fileadmin/templates/dateien/veroeffentlichungen/hauptgutachten/hg2013/wbgu_hg2013_kurz_en.pdf

Friday / Wise

Barnes, J., M. Dove, M. Lahsen, A. Mathews, P. McElwee, R. McIntosh, F. Moore, J. O'Reilly, B. Orlove, R. Puri, H. Weiss, and K. Yager. 2013. Anthropology's Contribution to the Study of Climate Change. *Nature Climate Change*, 3:541-544.

* the articles will be sent to you via e-mail once you have registered for the course.

Further optional reading

In addition, we recommend further reading to deepen the topics, three titles for every lecture/day which you might also read at a later stage, according to your personal interest.

M. Flitner:

Armitage, D. (2002): Socio-institutional dynamics and the political ecology of mangrove forest conservation in Central Sulawesi, Indonesia, *Global Environmental Change*, Volume 12, Issue 3, October 2002, pp. 203-217.

Campling, L., et al. (2012): The Political Economy and Ecology of Capture Fisheries: Market Dynamics, Resource Access and Relations of Exploitation and Resistance. *Journal of Agrarian Change*, Vol. 12 Nos. 2 and 3, April and July 2012, pp. 177–203.

Kittinger, J.N., et al. (2013): Emerging frontiers in social-ecological systems research for sustainability of small-scale fisheries. *Current Opinion in Environmental Sustainability* 5, Issues 3–4, September 2013, pp. 352–357.

A. Schlüter:

Withmarsh, D. 2011 Economic Management of Marine Living Resources, London.

Ostrom, E. 2007 'A diagnostic approach for going beyond panaceas', Proceedings of the National Academy of Sciences of the United States of America (PNAS) 104(39): 15181 - 15187.

Madrigal-Ballester, R., Schlüter, A. and Claudia Lopez, M. 2013 'What makes them follow the rules? Empirical evidence from turtle egg harvesters in Costa Rica', Marine Policy 37(0): 270-277.

T. Markus:

D. R. Rothwell and T. Stephens, The International Law of the Sea (Hart 2012)

U. Beyerlin und T. Marauhn, International Environmental Law (Hart 2011)

T. M. Franck, Fairness in International Law and Institutions (Oxford 1995)

S. Wise:

Helmreich, Stefan. 2009. Alien Ocean: Anthropological Voyages in Microbial Seas. Berkeley: University of California Press

Steinberg, Philip E. 2001 The Social Construction of the Ocean. Cambridge ; New York: Cambridge University Press.

Walley, Christine, 2004. J. Rough Waters : nature and development in an East African marine park. Princeton, N.J. ; Oxford: Princeton University Press

To subscribe:

To subscribe to this course, please fill in the [registration form](#).

Any enquiries concerning the course should be addressed to glomar-courses@marum.de.