



UNIVERSITY OF  
GOTHENBURG



# Meta-analysis in Biology and Environmental Sciences

August 21-26, 2016

## Sven Lovén Center for Marine Sciences – Tjärnö

Meta-analysis is the statistical synthesis of the results of different research studies. These tools and the conceptual framework in which they are based provide a widely implemented, cross-disciplinary statistical framework for quantifying, pooling, and evaluating the results of different studies on the same topic. In this course, students will learn how to conduct a meta-analysis from start to finish. We will also discuss some common mistakes as well as controversies regarding the implementation of meta-analysis in the biological and environmental sciences.

The course targets PhD students, but master students, post docs and researchers are also welcome to apply. The course includes individual preparatory literature studies and a full-time obligatory week at the Sven Lovén Centre for Marine Sciences at Tjärnö outside Strömstad. Each day will include both theoretical lectures and extensive hands-on experience with practical assignments and group projects.

Tjärnö is situated approximately 160 km north of Gothenburg and 130 km south of Oslo. More information about the Lovén Center-Tjärnö is found at <http://loven.gu.se/english/stations/tjarno>

The on-site course, including a study trip by boat, accommodation and meals, is free of charge but students will need to cover their own travel costs.

*Application and contact: Send a mail including a short (0.5 A4) description of your research and time left to PhD-defense to Gunilla Toth (gunilla.toth@marine.gu.se). Deadline July 31, 2016*

### Teachers:

**Jessica Gurevitch**, Stony Brook University, USA

**Julia Koricheva**, University of London, UK

For more information about the course visit:  
<http://science.gu.se/utbildning/forskarutbildning/kurser/marina-vetenskaper>