

CURRICULUM GEOF 346: Tidal dynamics and Sea Level Variations

Lecturer: Helge Drange (helge.drange@uib.no)

GEOF346 consists of a lecture part, selected programming exercises and student paper presentation(s).

The curriculum might be adjusted during the semester. Final curriculum will be available at *Mitt UiB* and informed during the lectures and by e-mail.

- ✓ **Textbook:** David Pugh and Philip Woodworth. *Sea-level science. Understanding Tides, Surges, Tsunamis and Mean Sea-Level Changes*, Cambridge, ISBN 978-1-107-02819-7, 2014.

- ✓ **Associated compendium:** Available from <http://folk.uib.no/ngfhd/Teaching/teaching.html#geof331>.

Lecture notes in Norwegian will be made available as pdf-files:

Herman G. Gade: *Forelesninger over tidevann og tidevannsstrømmer. Teori, opptreden, analyse og prediksjon*, Geofysisk institutt, Universitetet i Bergen, 1995.

- ✓ **Compulsory student presentations** based on a few selected scientific papers and/or programming exercises and parts of the text book. More details will be presented during the course.
- ✓ **Final oral examination, including presentation of programming exercises.**