

Introduction to Hydrography - bringing light into darkness 12th - 14th march 2019

Prof. Dr. Harald Sternberg, HafenCity University Hamburg

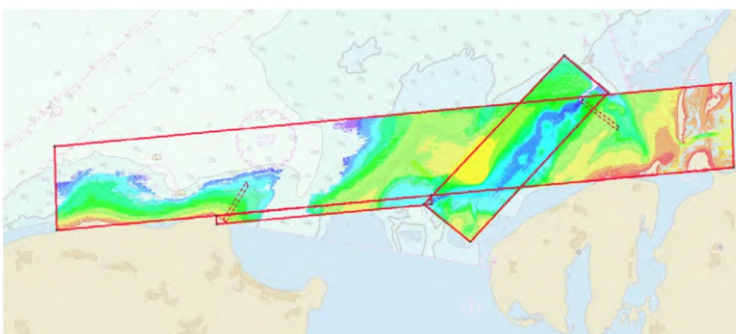
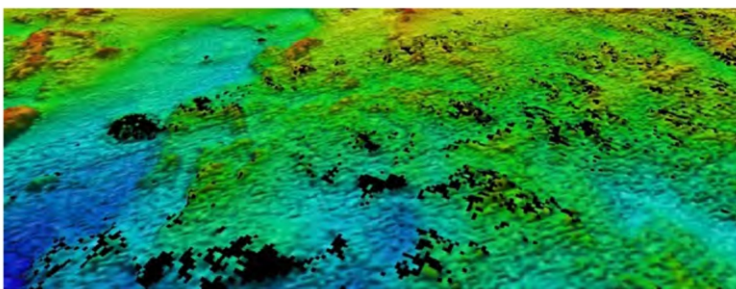
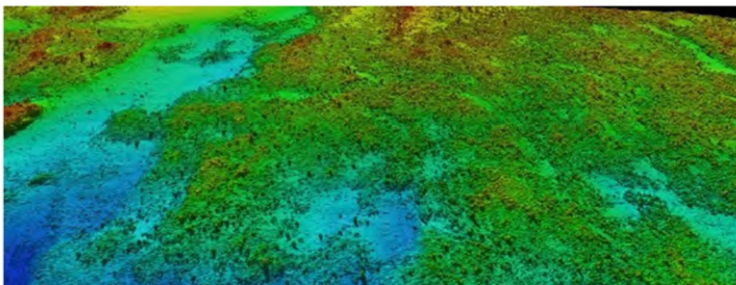
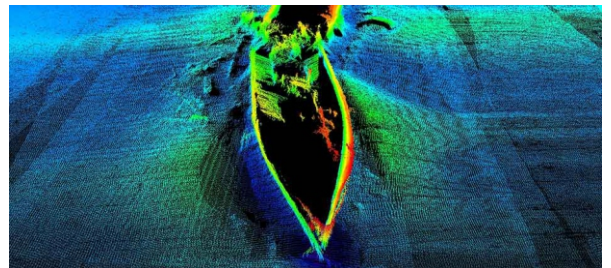
Hydrographers with a high level of competence in hydrographic surveying and nautical charting are needed all over the world. Sensor technology, data processing methods, data management and modern methods of nautical charting are essential for protection of marine ecosystems. The hydrography program at the **HCU** was examined by the International Advisory Board of the International Federation of Surveyors (**FIG**) and the International Hydrographic Organization (**IHO**), and accredited according to the "Standards of Competence of Hydrographic Surveyors" at **Category A** (highest level).

Schedule (Aula 104)

Tuesday	12 th march 2019	10:00 - 14:00
Wednesday	13 th march 2019	11:30 - 13:30
Thursday	14 th march 2019	11:30 - 13:30

TOPICS

- Introduction to Hydrography:
Bringing light into darkness
- On the use of backscatter data
- Optical underwater sensing:
Challenges in hydrography
- Unmanned multi-sensor systems and
applications in hydrography:
An overview of current methods
of underwater positioning



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