Technology and Knowledge Transfer

GEOMAR



Finding objects in underwater data

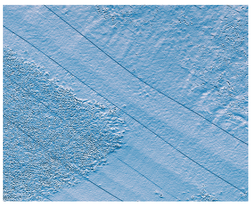
ValidITy (**Valid**ation of **I**ntelligent **T**errain Feature Recognition Methods for H**y**drographic Data) aims to improve the way underwater object annotation is performed.

Find out more

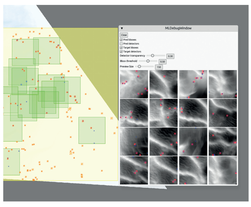
ValidITy speeds up the process of finding objects in sonar data through clear data visualization, simplified workflows and automation using Artificial Intelligence (AI).

Contact ValidITy: Stephan Meyer, validity@geomar.de

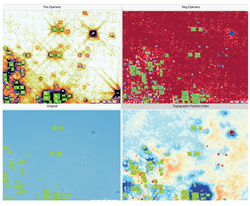
ValidITy Project Highlights



- **GPU-Rendering**
  Fast visualization of large underwater data



- **Artificial Intelligence**
  Situation-dependent training of the AI generates faster and better results than manual search



- **Data Derivations**
  Visual highlighting of object features for easier recognition

Technology Transfer and Industry Cooperation at GEOMAR

The Research Funding and Transfer Office at GEOMAR supports partners from industry, science and society in finding joint research opportunities. Together we further develop the innovative research results from GEOMAR in order to bring them into application.

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Find out more

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