

# **Marine image analysis for marine data science**

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## **Abstract**

In the marine sciences, image data is increasingly being recorded with stationary and mobile platforms. Due to the high degree of automation, huge amounts of image data accumulate that can no longer be evaluated in a comprehensive way by human observers. The Biodata Mining Group has been developing methodological approaches for about 10 years to support the evaluation of these image data. The talk will demonstrate with several examples, how efficient and effective solutions can be developed by using different methodical approaches, which allow a new view on the image data and pave the way for their integration into marine data science.