



Eiichi Setoyama, PhD

FORAMINIFERAL BIOSTRATIGRAPHER

Dr. Eiichi Setoyama's expertise is in benthic foraminifera, a microfossil group that is critical in the industry and academia for paleoenvironmental reconstructions to underpin the understanding of the distribution of source and reservoir sediments and margin paleogeography. Dr. Setoyama joined EGI in 2014 as a paleoenvironment and biostratigraphy expert with the Chronostratigraphy Team.

Dr. Setoyama earned his Ph.D. from the Institute of Geological Sciences, Polish Academy of Sciences, in 2012, followed by a post-doctoral research position at the King Fahd University of Petroleum and Minerals in Dhahran, Saudi Arabia where he focused on the project "Pliocene to Pleistocene benthic foraminifera from IODP Expedition 323 Cores in the Bering Sea: The role of sea-level change, oxygenation, productivity, and volcanism."

He also received his MS in Paleobiology from University College London, UK. In addition to authoring multiple peer-reviewed publications, he is the proud recipient of several academic awards and grants related to ocean research drilling, and notably the Alan Higgins Award for Applied Micropalaeontology from The Micropalaeontological Society.

Dr. Setoyama has been involved in EGI Oceans South Atlantic (I01276), Central & North Atlantic (I 01229), and iCORDS. His role includes conducting paleoenvironmental evaluation and high resolution chronostratigraphy of Mesozoic and Cenozoic sections of the DSDP/ODP/IODP sites and industry wells.

His research focus areas include:

- Source rock depositional environment
- Paleobathymetric modeling
- Biofacies modeling
- The use of foraminiferal assemblages for analysis of displaced sediments
- Integrated, multi-disciplinary biostratigraphy

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Research Interests

- Application of foraminifera for paleoenvironmental and paleobathymetric estimation
- High-resolution biostratigraphy
- Data Science

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