

# Tokai University Online Workshop

## ***“Challenges of Marine Observations and Development of International Collaboration”***

Date: March 6th, Saturday, 2021 8:30-16:00 (JST)

For registration, please fill out the form [click here](#) Capacity: 500

Organizer: Institute of Oceanic Research and Development, Tokai University (IORD)

Co-organizers: Graduate School of Earth and Environmental Sciences, Tokai University  
Graduate School of Oceanography, Tokai University

Institute of Oceanic Research and Development, Tokai University (IORD) will hold an online workshop with the aim of developing new ocean research in the Anthropocene. In this workshop, we will discuss the potentials of observatory networks for detecting and elucidating previously less-understood active geological, biological and environmental processes such as flood-triggered turbidity current which are conspicuous in the region from the Suruga Trough to Nankai Trough plate boundary and related areas. Furthermore, we would like to discuss the impact of such research developments on the SDGs and global partnership.

### 【Program (JST)】

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|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8:30-8:40   | Opening Remarks<br>Kiyoshi YAMADA (Chancellor of TOKAI Univ.)                                                                                                                                                                                         |
| 8:40-9:00   | New Challenges for Seafloor Observatories<br>Asahiko TAIRA (Executive director of IORD)                                                                                                                                                               |
| 9:00-9:30   | Monitoring the Passage of Sediment Gravity Flows within Monterey Canyon, Offshore California<br><a href="#">Charles PAULL</a> (MBARI)                                                                                                                 |
| 9:30-10:00  | Modern Submarine Landslides in the Nankai Trough: Re-sedimentation on an active accretionary prism<br><a href="#">Gregory MOORE</a> (Univ. of Hawaii)                                                                                                 |
| 10:00-10:10 | Short Break                                                                                                                                                                                                                                           |
| 10:10-10:40 | The World's Largest Submarine Canyon<br>—Kroenke Canyon in the Western Equatorial Pacific Ocean<br><a href="#">Mike COFFIN</a> (Univ. of Tasmania)                                                                                                    |
| 10:40-11:10 | Integrated Analysis of Geoscience Observations from the Floor to Surface of the Ocean<br><a href="#">Keisuke ARIYOSHI</a> (JAMSTEC)                                                                                                                   |
| 11:10-11:40 | The Nature and Limits of the Deep Subseafloor Biosphere: A Geomicrobiological Perspective on the Oceanic Crust and Upper Mantle<br><a href="#">Fumio INAGAKI</a> (JAMSTEC)                                                                            |
| 11:40-12:10 | Discussion                                                                                                                                                                                                                                            |
| 12:10-13:00 | Lunch Break                                                                                                                                                                                                                                           |
| 13:00-15:30 | Poster Sessions<br>1. Marine Geology and Geophysics<br>2. Marine Biology and Geochemistry<br>3. Environmental Science and Physical Oceanography<br>4. SDGs and Global Partnership<br>5. Introduction to the Shimizu Marine Campus of Tokai University |
| 15:30-15:50 | Comments and Discussion                                                                                                                                                                                                                               |
| 15:50-16:00 | Closing Remarks<br>Toshiyasu NAGAO (IORD)                                                                                                                                                                                                             |

