



# Welcome to Chikyu Lab Area!



Shipboard laboratory,  
the first place scientists make new discoveries.

The lab area is composed 4 decks

Visit area

## Lab Roof Deck

For initial core preparation. Each 9.5 m long core is cut into 1.5 m sections.



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## Core Processing Deck

For physical properties, visual description, discrete sampling, and microbiological sample preparation. Equipped with a X-ray CT scanner, a core splitter, description tables, etc.



## Lab Street Deck

For geochemical and petrological analysis. Equipped with ICP-MS, XRD, XRF, etc.



## Lab Management Deck

For meetings, discussion and administration.



JAMSTEC / CDEX

