

Title	Chikyu Add-on Program:Simultaneous observation from seafloor to atmosphere by using "Chikyu" & DONET
Information on data	
Data Name	Meteorological data
Summary of the Data	Wind speed & direction, temperature, moisture, atmospheric pressure, precipitation intensity every 10 minutes from December 20th in 2018 to April 4th in 2019.
Instruments Name and Summary of the Instruments	Meteorological sensors (CVS-WXT520 made by Climatec Inc.) at (i) radar mast, (ii) middle part of the derrick, and (iii) top of the derrick on Chikyu.
Data Processing method	See CAP_readme_meterological_observation.pdf
Investigator's Name and Affiliation	Keisuke Ariyoshi (JAMSTEC)
File name	CAP001_kisyou.zip
Format Information	See CAP001_readme_meterological_observation.pdf
Note	

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Information on data	
Data Name	Temperature vertical profiles measured by the ROV/UWTV
Summary of the Data	Time series of temperature profile and steric height at C0002 (October 13, 2018 ó March 1, 2019) and C0024 (March 5-6, 2019)
Instruments Name and Summary of the Instruments	Temperature vertical profiles measured by a temperature and pressure (TD) logger (Duet T.D. deep [serial no. 95974], RBR Ltd., Ottawa, Canada) at a sampling rate of 1Hz
Data Processing method	Data processing method is described in the data report. See CAP001_readme_vertical_profiles.pdf.
Investigator's Name and Affiliation	Hiroshi Uchida (huchida@jamstec.go.jp) RIGC, JAMSTEC
File name	CAP001_vertical_profiles.zip
Format Information	See CAP001_readme_vertical_profiles.pdf or header of the data file
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Information on data	
Data Name	Sea surface water monitoring
Summary of the Data	Time series of Temperature, Salinity, Fluorescence, and pH in the continous sea surface water monitoring bath every 15 minutes.
Instruments Name and Summary of the Instruments	Temperature and Conductivity sensor Model: SBE-37SM MicroCAT, SEA-BIRD ELECTRONICS, INC.
Data Processing method	Data processing method is described in the data report. See CAP001_readme_seasurface_underway2.pdf
Investigator's Name and Affiliation	Masahide WAKITA (mwakita@jamstec.go.jp) RIGC, JAMSTEC
File name	CAP001_seasurface.zip
Format Information	See CAP001_readme_seasurface_underway2.pdf or header of the data file
Note	

Title	Chikyu Add-on Program:Simultaneous observation from seafloor to atmosphere by using "Chikyu" & DONET
Information on data	
Data Name	GNSS-R time series on the D/V Chikyu
Summary of the Data	SSH variations at the drilling site C002 and C0024 during the IODP Expedition 358 measured by combination of Global Navigation Satellite System (GNSS) and GNSS Reflectometry (GNSS-R) methods
Instruments Name and Summary of the Instruments	Upward right-handed circular polarization (RHCP) antenna (Hemisphere A45), Downward left-handed circular polarization antenna (Leica AR20 LHCP), Geodetic receivers (Hitz NetSurv RE), Recorded by ublox M8T receivers
Data Processing method	Data processing method is described in the data report. See CAP001_readme_gnss-r_observation.pdf.
Investigator's Name and Affiliation	Kaoru ICHIKAWA (ichikawa@riam.kyushu-u.ac.jp) RIGC, JAMSTEC
File name	CAP001_gnss.zip
Format Information	See CAP001_readme_gnss-r_observation.pdf or header of the data file
Note	