

People

2021-06-12

Core Research Groups

Atmospheric and Oceanic Science Group

Name	Title	Research Theme	UTokyo	SoScience	EPS	Lab
SATO, Kaoru	Professor	Atmospheric Dynamics, Middle Atmosphere Sciences				
HIBIYA, Toshiyuki	Professor	Ocean Dynamics, Deep Ocean Mixing, Ocean Wave Theory				
MASUMOTO, Yukio	Professor	Climate Dynamics, Physical Oceanography				
KOIKE, Makoto	Associate Professor	Atmospheric Environmental Science/Atmospheric Chemistry				
TOZUKA, Tomoki	Associate Professor	Physical oceanography, Climate dynamics				
MIURA, Hiroaki	Associate Professor	Atmospheric physics, Climate modeling				
IJICHI, Takashi	Assistant Professor	Ocean Dynamics, Deep Ocean Mixing				-
KOHMA, Masashi	Assistant Professor	Middle atmosphere dynamics				

Space and Planetary Science Group

Name	Title	Research Theme	UTokyo	SoScience	EPS	Lab
IMADA, Shinsuke	Professor	Space Physics, Solar Physics, Magnetospheric Physics				
SUGITA, Seiji	Professor	Planetary exploration, Comparative Planetary Science				
SEKI, Kanao	Professor	Space Physics				
TACHIBANA, Shogo	Professor	Cosmochemistry				
HOSHINO, Masahiro	Professor	Space and Astroplasma Physics				—
AMANO, Takanobu	Associate Professor	Space Physics, Plasma Astrophysics				
KASAHARA, Satoshi	Associate Professor	Space and planetary science: space- borne instrumentation and data analyses				
MORODA, Tomokatsu	Associate Professor	Planetary Science, Lunar and Planetary Exploration				

Name	Title	Research Theme	UTokyo	SoScience	EPS	Lab
OHIRA, Yutaka	Assistant Professor	Astrophysics, Cosmic ray physics, Plasma physics				—
KEIKA, Kunihiro	Assistant Professor	Planetary magnetospheric plasma physics, Interplanetary plasma physics				—
CHO, Yuichiro	Assistant Professor	Planetary Science				—

Earth and Planetary System Science Group

Name	Title	Research Theme	UTokyo	SoScience	EPS	Lab
KAYANNE, Hajime	Professor	Earth System Science (coral reef, carbon cycle, global warming, ocean acidification)				
TACHIBANA, Shogo	Professor	Cosmochemistry				
TAJIKA, Eiichi	Professor	Earth and planetary system science, Comparative planetology				
IKEDA, Masayuki	Associate Professor	Geology, Paleoclimatology, Paleoceanography, Sedimentology, Astrochronology				—

Name	Title	Research Theme	UTokyo	SoScience	EPS	Lab
TAKIGAWA, Aki	Associate Professor	Astromineralogy, experimental astrophysics, material circulation in the galaxy				–
KAWAHARA, Hajime	Assistant Professor	exoplanets (characterization, analysis, and instruments)				
TAKAHASHI, Satoshi	Assistant Professor	Paleontology, Geochemistry, Geology				
MOTEKI, Nobuhiro	Assistant Professor	Atmospheric Chemistry and Physics, Environmental Physics, Particle Measurement Techniques				

Solid Earth Science Group

Name	Title	Research Theme	UTokyo	SoScience	EPS	Lab
IDE, Satoshi	Professor	Earthquake Source Physics				
SIMON, WALLIS	Professor	Structural petrology, tectonics				–
HIROSE, Kei	Professor	High-pressure geoscience / Study of deep Earth materials				
ANDO, Ryosuke	Associate Professor	Earthquake source physics, Seismotectonics				

Name	Title	Research Theme	UTokyo	SoScience	EPS	Lab
IIZUKA, Tsuyoshi	Associate Professor	Geochemistry and cosmochemistry				
KAWAI, Kenji	Associate Professor	Global seismology, Study of Earth's deep interior				
TANAKA, Yoshiyuki	Associate Professor	Geodesy, Crustal deformation, Gravity, Relativistic geodesy				
SAKURABA, Ataru	Assistant Professor	Geodynamics, Planetary dynamos, Geomagnetism				
SATO, Masahiko	Assistant Professor	Rock-magnetism, Paleomagnetism				
NAGAYA, Takayoshi	Assistant Professor	Structural geology□Mineral physics□Structural seismology				—

Geosphere and Biosphere Science Group

Name	Title	Research Theme	UTokyo	SoScience	EPS	Lab
ENDO, Kazuyoshi	Professor	molecular palaeontology, skeletogenesis				—
KANO, Akihiro	Professor	Sedimentology, Paleoclimatology, Geobiology				
KOGURE, Toshihiro	Professor	Mineralogy, Material Science, Electron Microscopy, crystallography				
GOTO, Kazuhisa	Professor	Geology, Sedimentology, paleotsunami, paleostorm				

Name	Title	Research Theme	UTokyo	SoScience	EPS	Lab
TAKAHASHI, Yoshio	Professor	Molecular Geochemistry, Environmental Geochemistry, Aerosol chemistry, Geomicrobiology				
ITAI, Takaaki	Associate Professor	Environmental Geochemistry, Ecological Geochemistry, Limno- chemistry				—
SUZUKI, Yohey	Associate Professor	Geomicrobiology, geochemistry, nanomineralogy, martian life exploration, planetary protection				
HIRASAWA, Tatsuya	Associate Professor	Paleontology, Evolutionary Developmental Biology				—
OGIHARA, Shigenori	Assistant Professor	Organic Geochemistry , mineralogy				—
OKUMURA, Taiga	Assistant Professor	Mineralogy, Materials science, Biomineralization, Electron microscopy				—
SUNAMURA, Michinari	Assistant Professor	Geomicrobiology, Microbial ecology				—

Collaborative Research Groups

Earthquake Research Institute

Name	Title	Research Theme	UTokyo	EPS	Lab
ARAYA, Akito	Professor	Geophysical instrumentation			
IWAMORI, Hikaru	Professor	Earth Dynamics			
UYESHIMA, Makoto	Professor	geoelectromagnetism			
OHMINATO, Takao	Professor	volcano physics			—
OBARA, Kazushige	Professor	Observation seismology, Science of slow earthquakes, Study on seismic wave propagation			
KATO, Aitaro	Professor	Earthquake source physics, Seismic observation			
KATO, Naoyuki	Professor	earthquake source mechanics			—
KINOSHITA, Masataka	Professor	Marine Geology and Geophysics, Ocean Drilling and Observatory, Geothermics			—
KOYAGUCHI, Takehiro	Professor	Volcanology and Geophysical Fluid Dynamics			—
SATAKE, Kenji	Professor	Seismology (great earthquakes and tsunamis)			

Name	Title	Research Theme	UTokyo	EPS	Lab
SHIOBARA, Hajime	Professor	Ocean floor seismology			–
SHINOHARA, Masanao	Professor	Marine seismology			
SHIMIZU, Hisayoshi	Professor	Geomagnetism, Geophysical Fluid Dynamics, Magnetohydrodynamics			–
TAKEI, Yasuko	Professor	Physical properties and dynamics of the Earth. Viscoelasticity, solid- liquid composite system, etc.			–
TAKEUCHI, Nozomu	Professor	Seismology			
TANAKA, Hiroyuki	Professor	High Energy Geophysics			
NAKAI, Shun'ichi	Professor	Geochemistry			
NAKATANI, Masao	Professor	Earthquake source physics, Lab and Field Rock mechanics, Earthquake precursor			–
FURUMURA, Takashi	Professor	Analysis of seismic wave, numerical simulation of seismic wave propagation, strong ground motion			
YAMANO, Makoto	Professor	Solid Earth Geophysics			–

Name	Title	Research Theme	UTokyo	EPS	Lab
YOSHIDA, Shingo	Professor	Earthquake source physics, Laboratory rock mechanics			
AOKI, Yosuke	Associate Professor	Space Geodesy and Physical Volcanology			—
ISHIYAMA, Tatsuya	Associate Professor	Tectonic geomorphology / Active tectonics / Applied geophysics			—
ICHIHARA, Mie	Associate Professor	Physical volcanology			—
IMANISHI, Yuichi	Associate Professor	Geodesy			—
KANEKO, Takayuki	Associate Professor	Volcano Remote Sensing□Geology of volcanoes			—
KANO, Yasuyuki	Associate Professor	Seismology, Historical disaster science			
KAME, Nobuki	Associate Professor	Earthquake Source Physics			
SUZUKI, Yujiro	Associate Professor	Physical volcanology			
NISHIDA, Kiwamu	Associate Professor	seismology			
BABA, Kiyoshi	Associate Professor	marine electromagnetism			—
HIRAGA, Takehiko	Associate Professor	Mineral and rock physics			
MAENO, Fukashi	Associate Professor	Volcanology, Geology and petrology of volcanoes			
MIYAKE, Hiroe	Associate Professor	Strong motion seismology			

Name	Title	Research Theme	UTokyo	EPS	Lab
MOCHIZUKI, Kimihiro	Associate Professor	Marine Seismology			
YASUDA, Atsushi	Associate Professor	Experimental magmatology			
YUKUTAKE, Yohei	Associate Professor	Volcanology			□
WATADA, Shingo	Associate Professor	Seismology, Tsunami			

Atmosphere and Ocean Research Institute

Name	Title	Research Theme	UTokyo	EPS	Lab
ABE-OUCHI, Ayako	Professor	Paleoclimate modelling, Antarctica dynamics, Climate dynamics, Ice sheet dynamics and climate			—
OKINO, Kyoko	Professor	Marine Geophysics, Ocean Floor Tectonics			
SATOH, Masaki	Professor	Atmospheric Science, Dynamic Meteorology, Numerical Modeling			
TAKAYABU, Yukari	Professor	Tropical Meteorology, Precipitation Science, Climate Change			—
HASUMI, Hiroyasu	Professor	Physical Oceanography, Climate Dynamics			—
YASUDA, Ichiro	Professor	Physical Oceanography□Ocean ecosystem dynamics□ Fisheries Oceanography			

Name	Title	Research Theme	UTokyo	EPS	Lab
YOKOYAMA, Yusuke	Professor	Geochemistry, Palaeoclimatology, Palaeoceanography			
WATANABE, Masahiro	Professor	Climate modeling, Climate dynamics, Dynamics of the large- scale atmospheric circulation			–
IGA, Keita	Associate Professor	Geophysical Fluid Dynamics, Dynamic Meteorology, Ocean Dynamics			
OKA, Akira	Associate Professor	Physical Oceanography, Climate Modeling, Ocean Biogeochemical Cycles, Paleoceanography			–
OKA, Eitarou	Associate Professor	Physical Oceanography, Ocean Observations			
KURODA, Junichiro	Associate Professor	Paleoceanography, Marine Geology, Geochemistry			
SHIRAI, Kotaro	Associate Professor	Geochemistry, (Paleo)environment, (Paleo)ecology,			–
SUZUKI, Kentaroh	Associate Professor	Cloud physics, Atmospheric radiation, Cloud-aerosol interaction			
PARK, Jin- Oh	Associate Professor	Marine Geology and Geophysics (Reflection Seismology)			

Name	Title	Research Theme	UTokyo	EPS	Lab
MIYAKAWA, Tomoki	Associate Professor	Multiscale interaction, cloud-resolving, climate model, air-sea coupling, tropical meteorology			–
YAMAGUCHI, Asuka	Associate Professor	Marine geology, structural geology, tectonics			
YOSHIMORI, Masakazu	Associate Professor	Climate system, Climate change, Climate modelling (Global warming, Polar climate, Paleoclimate)			–

Research Center for Advanced Science and Technology

Name	Title	Research Theme	UTokyo	EPS	Lab
NAKAMURA, Hisashi	Professor	Climate dynamics; Air- sea interaction; Extreme weather and climate variability/change			
KOSAKA, Yu	Associate Professor	Climate variability and change, Extreme weather, Climate dynamics			

Affiliated Research Institutions

Japan Aerospace Exploration Agency

Name	Title	Research Theme	UTokyo	EPS	Lab
USUI, Tomohiro	Professor	Geochemistry, petrology, planetary exploration	–		–

Name	Title	Research Theme	UTokyo	EPS	Lab
SAITO, Yoshifumi	Professor	Space Plasma Physics, Development of Science Instruments for Planetary Exploration	–		–
SHIMIZU, Toshifumi	Professor	Solar plasma physics	–		
FUJIMOTO, Masaki	Professor	Space Plasma Physics, Formation Theory of Planetary Systems	–		–
SHINOHARA, Iku	Associate Professor	Space Plasma Physics, Magnetospheric Physics	–		–

High Energy Accelerator Research Organization

Name	Title	Research Theme	UTokyo	EPS	Lab
FUNAMORI, Nobumasa	Professor	Synchrotron Radiation Science, High Pressure Science, Materials Science under Extreme Conditions	–		–

Related Research Institutions (Internal)

Geochemical Research Center

Name	Title	Research Theme	UTokyo	EPS	Lab
KAGI, Hiroyuki	Professor	Inorganic geochemistry, mineral sciences, high- pressure sciences, Deep earth mineralogy			

Name	Title	Research Theme	UTokyo	EPS	Lab
HIRATA, Takafumi	Professor	Geochemistry, Cosmochemistry, Analytical Chemistry, Isotope Geoscience Metallomics			
MORI, Toshiya	Associate Professor	Volcanology, Volcanic geochemistry			

Department of Physics

Name	Title	Research Theme	UTokyo	EPS	Lab
TSUNEYUKI, Shinji	Professor	Condensed Matter Physics Theory Theoretical study of condensed matter under extreme conditions			

Graduate School of Frontier Sciences

Name	Title	Research Theme	UTokyo	EPS	Lab
IMAMURA, Takeshi	Professor	Planetary atmosphere, Planetary exploration			
SUGAI, Toshihiko	Professor	Geomorphology, Natural environmental studies			
YAMAMURO, Masumi	Professor	Limnology, Coastal Oceanography, Biogeochemistry			
YOSHIKAWA, Ichiro	Professor	Planetary airglow			

Name	Title	Research Theme	UTokyo	EPS	Lab
ASHI, Juichiro	Associate Professor	Marine Geology			
YOSHIOKA, Kazuo	Lecturer	Planetary exploration, Space physics			

Graduate School of Arts and Sciences

Name	Title	Research Theme	UTokyo	EPS	Lab
KOMIYA, Tsuyoshi	Professor	Decoding evolution of Earth and life, geology and petrology			
OGAWA, Masaki	Associate Professor	Solid Earth and Planetary Geophysics			—

Graduate School of Engineering

Name	Title	Research Theme	UTokyo	EPS	Lab
MIYAMOTO, Hideaki	Professor	Planetary geology, space resources			

Center for Integrated Disaster Information Research

Name	Title	Research Theme	UTokyo	EPS	Lab
IIDAKA, Takashi	Professor	Seismology for disaster prevention, Observational Seismology			

Center for Spatial Information Science

Name	Title	Research Theme	UTokyo	EPS	Lab
OGUCHI, Takashi	Professor	Geographical Information Science, Geomorphology			

The University Museum

Name	Title	Research Theme	UTokyo	EPS	Lab
MIKOUCHI, Takashi	Professor	Planetary Science, Mineralogy, Meteoritics			
SASAKI, Takenori	Associate Professor	Paleontology, Comparative anatomy, Taxonomy			

Related Research Institutions (External)

Japan Agency for Marine-Earth Science and Technology

Name	Title	Research Theme	EPS	Lab
KATSUMATA, Katsuro	Professor	Physical Oceanography, general circulation theory		
SHIBUYA, Takezo	Associate Professor	Geology□Geochemistry□Ast robiology		

Advanced Industrial Science and Technology

Name	Title	Research Theme	EPS	Lab
SHISHIKURA, Masanobu	Professor	Paleoseismology, Tectonic Geomorphology, Quaternary Geology		—

National Museum of Nature and Science

Name	Title	Research Theme	EPS	Lab
TSUIHIJI, Takanobu	Associate Professor	Vertebrate paleontology, vertebrate comparative anatomy		—

National Astronomical Observatory of Japan

Name	Title	Research Theme	EPS	Lab
NAMIKI, Noriyuki	Professor	Planetary Sciences, Planetary Exploration		—

Technical Staff

Technical Staff

Name	Title	Responsibility	EPS
ICHIMURA, Koji	□	Administration of electron microscope / Secondary ion mass spectrometer	
KURISU, Shinji	□	Administration of observation equipment / geological material / website management	
KOBAYASHI, Akihiro	□	Administration of mass spectroscopy / X-ray Diffractometer / Security management	
YOSHIDA, Hideto	□	Administration of analytical equipment / technical assistance and training	

Professor Emeritus

Professor Emeritus

Professor Emeritus	Research Field	Year of Retirement
OZIMA, Minoru	Geochemistry	1991
KUMAZAWA, Mineo	Physics of the Earth's Interior	1994
KUSHIRO, Ikuo	Petrology	1995

Professor Emeritus	Research Field	Year of Retirement
TAKEDA, Hiroshi	Mineralogy	1995
MATSUNO, Taro	Meteorology	1995
KOKUBUN, Susumu	Aeronomy	1996
SHIMAZAKI, Hidehiko	Economic Geology	2000
OGAWA, Toshihiro	Atmospheric Chemistry	2001
HAMANO, Yozo	Earth and Planetary Geodynamics	2007
MATSUURA, Mitsuhiro	Seismology	2009
MATSUMOTO, Ryo	Sedimentology	2012
TANABE, Kazushige	Paleontology	2012
YAMAGATA, Toshio	Climate Dynamics	2012
MIYAMOTO, Masamichi	Solid Earth Material Science	2013
URABE, Tetsuro	Geochemistry & Geology	2013
KONDO, Yutaka	Global Atmospheric Physiochemistry & Environment of the Atmosphere	2015
SUGIURA, Naoji	Planetology & Meteorics	2015
KIMURA, Gaku	Plate Tectonics & Structural Geology	2016
MURAKAMI, Takashi	Environmental Mineralogy	2016
NAGAHARA, Hiroko	Planetary Science	2017
GELLER, Robert J.	Seismology	2017
TADA, Ryuji	Earth System Dynamics	2019
OZAWA, Kazuhito	Petrology	2021

(*) Professor Emeritus related to the Department of Earth and Planetary Science, nominated by the School of Science. This list includes former Earth and Planetary Science majors, and excludes those passed away (as of April 26, 2021).