



Deadlines / Keydates / News

Deadlines

Appels à candidature - Expéditions IODP

URGENT - Special Call for a micropaleontologists to participate in Expedition 386: Japan Trench Paleoseismology

Dates de l'Exp. 386 : Octobre 2020 (Onshore Science Party only)

Thématiques principales : **RISQUES NATURELS, GÉODYNAMIQUE INTERNE.**

Date limite pour candidater : **20 déc. 2019**

Objectifs principaux : The Expedition 386 aims to test and develop "submarine paleoseismology" in the Japan Trench, a promising approach that overcomes the limitations of short historical and instrumental records in revealing earthquake maximum magnitude and recurrence. Examining prehistoric events preserved in the geological record is essential to reconstruct the long-term history of earthquakes and to deliver observational data that help to reduce epistemic uncertainties in seismic hazard assessment for long return periods. Upper Pleistocene to Holocene stratigraphic successions of trench-fill basins along an axis-parallel transect of the 7-8 km deep Japan Trench. Expedition 386 can potentially lead to a fascinating record unravelling an earthquake history that is 10 to 100 times longer than currently available. This would contribute to a tremendous advance in the understanding of the recurrence pattern of giant earthquakes and earthquake-induced geohazards globally.

The project has three major objectives:

1. To identify the sedimentological, physical, chemical, and biogeochemical proxies of event-deposits in the sedimentary archive that allow for confident recognition and dating of past Mw9-class earthquakes vs. smaller earthquakes vs. other driving mechanisms.
2. To explore the spatial and temporal distribution of such event-deposits to investigate along-strike and time-dependant variability of sediment sources, transport and deposition processes, and stratigraphic preservation.
3. To develop a long-term earthquake record for giant earthquakes.

Plus de détails : <https://www.ecord.org/expedition386/>

Infos pour candidater : <http://www.ecord.org/expeditions/apply-to-sail/>
<http://iodp.tamu.edu/participants/applytosail.html>

Compétences recherchées : micropalontologists





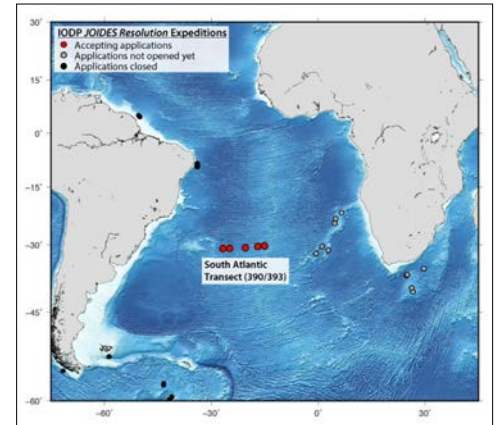
URGENT - Special Call for a petrologist and sedimentologist to participate in Expedition 393: South Atlantic Transect 2

Dates de l'Exp. 393 : 6 avril au 6 juin 2021 à bord du JOIDES Resolution

Thématiques principales : *Multidisciplinarité = GÉODYNAMIQUE INTERNE (Hydrothermalisme, Géochimie) / BIOSPHÈRE / CHANGEMENTS CLIMATIQUES (Paléocéanographie, South Atlantic Gyre, Cénozoïque).*

Date limite pour candidater : 17 janv. 2020

Objectifs principaux : a multidisciplinary and joint scientific ocean drilling project that aims to recover complete sedimentary sections and ~200 m of oceanic crust along a crustal age transect at ~31°S across the South Atlantic Ocean to : (1) investigate the history of low-temperature hydrothermal interactions between the aging ocean crust and the evolving South Atlantic Ocean; (2) quantify past hydrothermal contributions to global geochemical cycles; (3) investigate sediment and basement-hosted microbial community variation with substrate composition and age in the low energy South Atlantic Gyre seafloor biosphere; and (4) investigate the responses of Atlantic Ocean circulation patterns and the Earth's climate system to rapid climate change, including elevated CO₂ during the Cenozoic.



Plus de détails : http://iodp.tamu.edu/scienceops/expeditions/south_atlantic_transect.html

Infos pour candidater : <http://www.ecord.org/expeditions/apply-to-sail/>
<http://iodp.tamu.edu/participants/applytosail.html>

Compétences recherchées : sedimentologist and petrologist

Autres Deadlines



Soumettre un Projet de forage ICDP :

Infos : <https://www.icdp-online.org/proposals/prepare-and-submit-a-proposal/>

Date limite pour candidater : 15 janv 2020



MagellanPlus Workshop : to assemble a core working group to initiate an IODP or ICDP proposal for drilling

The MagellanPlus Workshop Series Programme is co-funded by ECORD and ICDP and designed to support scientists in developing new and innovative science proposals to meet future challenges in Earth, life and environmental sciences. For this purpose the MagellanPlus Workshop Series Programme funds workshops and/or scientists that are expected to lead to or foster high-quality and innovative scientific drilling proposals for submission to IODP and ICDP.

The contribution will not exceed 15,000€ per workshop.

Priority is given to ECORD and ICDP member countries.

The participation of young scientists is particularly encouraged.

Deadline for submission : 15 January 2020

Contact: Lucas Lourens – magellan.plus@uu.nl

ECORD Managing Agency – ema@cerege.fr

Infos : <http://www.ecord.org/science/magellanplus/>





ECORD Training Course 2020, 20 – 24 April 2020

at the MARUM – Center for Marine Environmental Sciences and the IODP Bremen Core Repository (BCR), University of Bremen, Germany. The new ECORD Training Course will provide a “Virtual Drillship Experience” for scientists from academia and industry. This one-week course offers a basic training focusing on the IODP core flow procedures, preparing the participants for participating in an offshore drillship expedition, and instilling them with an appreciation for high standards in all kinds of coring projects.

Infos : <https://www.ecord.org/ecord-training-course-2020/>

Date limite pour appliquer : **17 janvier 2020**

icdp |

ICDP Workshop : **Lake Izabal Basin Research Endeavor (LIBRE)**, 2-5 August 2020

Infos : https://www.icdp-online.org/fileadmin/icdp/projects/doc/lake-izabal/LIBRE_Workshop.pdf

Date limite pour appliquer : **15 février 2020** / please send a 1-page CV and a statement of interest in the workshop to obristj@mst.edu

Soumettre un Projet de forage - IODP :

Infos : <http://www.iodp.org/proposals/submitting-proposals>

Date limite pour candidater : **1^{er} avril 2020**

Réunions Panels

- ▶ IODP Town Hall at AGU, evening of **December 11, 2019**, San Francisco CA, USA
- ▶ Science Evaluation Panel, **January 7-9, 2020**, La Jolla CA, USA
- ▶ Environmental Protection and Safety Panel, **February 18-19, 2020**, College Station TX, USA
- ▶ ECORD Facility Board, **March 24-25, 2020**, Aix-en-Provence, France
- ▶ JOIDES Resolution Facility Board, **May 12-14, 2020**, La Jolla CA, USA
- ▶ Chikyu IODP Board, **March 2020**, Japan
- ▶ Science Evaluation Panel, **June 16-18, 2020**, Trieste, Italy
- ▶ IODP Forum and Program Member Office meetings, **September 2020**, USA (TBD)



- ▶ SAG (Science Evaluation), **March 8-12, 2020**, Israel
- ▶ EC (Management) & AOG (Governance), **May 11-16, 2020**, USA



futures expédi- tions

Expedition Name	#	Dates	Ports	Operator
South Pacific Paleogene Climate	378	Jan 3 - Mar 4, 2020	Fiji / Papeete	JRSO
(JOIDES Resolution Engineering Testing)	384	Mar 4 - Apr 26, 2020	Papeete / Barbados	JRSO
Amazon Continental Margin	387	Apr 26 - June 26, 2020	Barbados / Fortaleza	JRSO
Equatorial Atlantic Gateway	388	June 26 - Aug 26, 2020	Fortaleza / Fortaleza	JRSO
South Atlantic Transect #1	390	Oct 5 - Dec 5, 2020	Rio de Janeiro / Cape Town	JRSO
Japan Trench Paleoseismology	386	2020	TBD	ESO
Walvis Ridge Hotspot	391	Dec 5, 2020 - Feb 4, 2021	Cape Town / Cape Town	JRSO
Agulhas Plateau Cretaceous Climate	392	Feb 4 - Apr 6, 2021	Cape Town / Cape Town	JRSO
South Atlantic Transect #2	393	Apr 6 - June 6, 2021	Cape Town / Rio de Janeiro	JRSO
Rio Grande Cone Methane and Carbon Cycling	394	Oct 2 - Dec 2, 2021	TBD / TBD	JRSO
Arctic Ocean Paleoceanography	377	TBD	TBD	ESO
Antarctic Cenozoic Paleoclimate	373	TBD	TBD	ESO
Hawaiian Drowned Reefs	389	TBD	TBD	ESO

Breaking news: The ECORD Council has decided to postpone X389 “Hawaiian Drowned Reef”

Actualités FRANCE



Infos Expéditions

Expéditions à venir et scientifiques français sélectionnés :

- **Expédition 378** – South Pacific Paleogene Climate (3 January to 4 March 2020)

Lien internet : http://iodp.tamu.edu/scienceops/expeditions/south_pacific_paleogene_climate.html

- **Expédition 387** – Amazon Margin (26 April to 26 June 2020)

Lien internet : http://iodp.tamu.edu/scienceops/expeditions/amazon_margin.html

- Germain Bayon (Inorganic Geochemist) -IFREMER, Plouzané
- Florent J. Hodel (Paleomagnetist) - GET, Toulouse
- Alberto Machado Cruz (Stratigraphic Correlator/Physical Properties Specialist) - ISTeP, Paris
- Marina Rabineau (Physical Properties Specialist/Downhole Measurements) - IUEM, Brest

- **Expédition 388** – Equatorial Atlantic Gateway (June 26 - Aug 26, 2020)

Lien internet : http://iodp.tamu.edu/scienceops/expeditions/equatorial_atlantic_gateway.html

- Marie Laugié (Physical Properties Specialist/Stratigraphic Correlator) - CEREGE, Aix-en-Provence

Appel d'offres au fil de l'eau "Soutien Financier Post-Campagne" IODP-France

Cet appel d'offres est destiné spécifiquement au financement de l'**exploitation des données et échantillons prélevés au cours des expéditions de forage scientifique IODP**. Les projets portant sur des expéditions venant de s'achever seront financés en priorité. Les demandes portant sur l'exploitation d'expéditions anciennes (programmes DSDP, ODP et IODP ≥ 2 ans) seront également considérées.

Infos : <http://www.iodp-france.org/pro/appels-doffres-iodp-france/soutient-financier-post-cruise/>

Contacts : iodp-france@get.omp.eu
stephanie.cuven@get.omp.eu

"Sample Request" = valorisation des expéditions anciennes

Vous pouvez à tout moment faire une **demande de rééchantillonnage** auprès des 3 carothèques IODP afin d'initier de nouvelles études sur des expéditions passées. Une aide financière pour réaliser votre projet scientifique pourra vous être attribuée par le Bureau IODP-France dans le cadre d'un "**Soutien financier Post-Cruise - campagnes anciennes**", ceci après évaluation de votre projet par le comité IODP-France.

Lien "sample access" : <https://www.iodp.org/resources/access-data-and-samples>

Lien "Demande de soutien financier Post-Cruise IODP-France" :

<http://www.iodp-france.org/pro/appels-doffres-iodp-france/soutient-financier-post-cruise/>



Journées d'information "Porteurs de projet IODP" :

Le bureau IODP-France organise actuellement des séminaires d'information dans toute la France sur le thème: "**Historique et Fonctionnement du Programme IODP, comment participer, comment monter un projet d'expédition IODP ?**". Les scientifiques impliqués dans IODP en tant qu'embarquant seront invités à présenter leurs résultats et les scientifiques impliqués dans IODP en tant que porteur de projet ayant abouti à une expédition seront les bienvenus pour expliquer la procédure à suivre, donner des conseils sur le contenu et le format d'une demande "idéale", sur les pièges rédactionnels à éviter, etc...

En attendant de nous recevoir pour un séminaire, voici le lien pour télécharger le guide pour soumettre un projet de forage : <https://www.iodp.org/iodp-proposal-submission-guidelines-8-2016/file>

Si votre laboratoire est intéressé pour nous recevoir, veuillez nous contacter aux adresses suivantes :

iodp-france@get.omp.eu

stephanie.cuven@get.omp.eu

Workshops / Publications / Annonces diverses

Workshops

Workshops ou congrès en rapport avec les programmes IODP et ICDP



IODP : Evolution of the Monsoon, Biosphere, and Mountain Building in Cenozoic Asia.

Conveners: Peter Clift, Christian France-Lanord, and Ann Holbourn. Check the AGU Chapman Conference website for updates.

Dates et lieu : **5-9 janvier** à Washington, DC, USA

Infos : <https://www.agu.org/chapmans-asian-monsoons>



ICDP : Deep Geothermal Test Borehole, Cornell Campus

Dates et lieu : **January 8-10, 2020**, in Ithaca, New York, USA

Deadline for registration: **November 10, 2019**

Infos : https://www.icdp-online.org/fileadmin/icdp/projects/doc/cornell/ICDP_Cornell_workshop_brochure.pdf

https://www.icdp-online.org/fileadmin/icdp/projects/doc/cornell/icdp_Cornell_Workshop_announcement.pdf



ICDP Scientific Drilling Workshop : **Deep Geothermal Test Borehole, Cornell Campus,** **January 8-10, 2020**, in Ithaca, New York, USA

Infos : https://www.icdp-online.org/fileadmin/icdp/projects/doc/cornell/icdp_Cornell_Workshop_announcement.pdf

Infos : https://www.icdp-online.org/fileadmin/icdp/projects/doc/cornell/ICDP_Cornell_workshop_brochure.pdf



ICDP Workshop : **Nica-Bridge Drilling Project,** **2-5 March 2020**

Infos : <https://www.icdp-online.org/fileadmin/icdp/projects/doc/nicabridge/official%20workshop%20call%20NicaBridge%20final.pdf>



ICDP : International Conference on Ophiolites and the Oceanic Lithosphere: Results of the Oman Drilling Project and Related Research

La prochaine conférence internationale sur les ophiolites et la lithosphère océanique sera organisée en janvier 2020 à l'Université Sultan Qaboos (Sultanat d'Oman) sous l'égide de l'UNESCO. Elle fait suite à l'Oman Drilling Project de l'International Continental Drilling Program (ICDP). Les thématiques abordées au cours de cette conférence incluent : •Genesis of Ophiolites and oceanic lithosphere •Geodynamics and hydrothermal processes of ophiolites at spreading ridges •Chemical and physical processes within oceanic magma chambers • Formation of ore deposits related to ophiolites •Tectonics of ophiolite emplacement and metamorphism • CO₂-sequestration, fluids and diagenesis within oceanic crust and shallow mantle • Geochemical cycles and geobiological studies related to ocean crust formation • Hydrogeology of ophiolite • Result of the Oman Drilling Project

(<https://www.omandrilling.ac.uk/>).

Dates et lieu : 12-14 janvier 2020 à Muscat, Oman

Infos : <https://conferences.squ.edu.om/icool/>



Nica-Bridge Drilling Project, 2-5 March 2020

Infos : <https://www.icdp-online.org/fileadmin/icdp/projects/doc/nicabridge/official%20workshop%20call%20NicaBridge%20final.pdf>

Date limite pour appliquer : 11 décembre 2019 / please send a 1-page CV and a statement of interest in the workshop to [skutterolf\(at\)geomar.de](mailto:skutterolf(at)geomar.de)



Lake Izabal Basin Research Endeavor (LIBRE), 2-5 August 2020

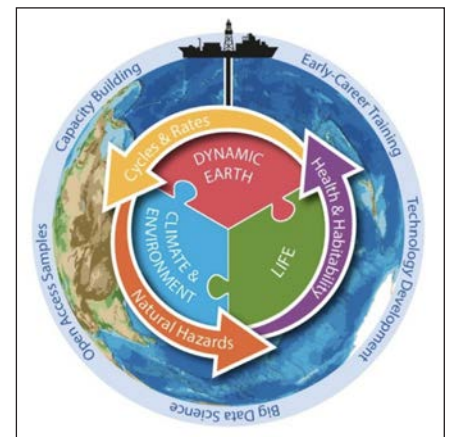
Infos : https://www.icdp-online.org/fileadmin/icdp/projects/doc/lake-izabal/LIBRE_Workshop.pdf

Date limite pour appliquer : 15 février 2020 / please send a 1-page CV and a statement of interest in the workshop to obristj@mst.edu

Announces ECORD & ICDP

IODP : Planning for a post-2023 Science Plan – engage now!

Scientific ocean drilling is more than half a century old this year. Discoveries from scientific ocean drilling through the DSDP, ODP and IODP programs have helped reveal Earth's history, and have been critical to shaping our understanding of how our planet works. But despite the wealth of knowledge gained through five decades of scientific ocean drilling, there remain many new scientific challenges that directly impact our society and that can only be addressed with future scientific ocean drilling.



Planning for a new science plan for the post-2023 era is now underway. International planning workshops have been held over the last year in India, Australia, Japan, Europe, and the United States, to capture the opinions of these international science communities. Another workshop will be held this month in China. By the end of this process, more than 800 participants will have worked together to assess the continuing relevance of the 2013-2023 science plan, and to explore possibilities for a new, post-2023 science plan in support of future scientific ocean drilling. The highlights and key outcomes of those planning workshops are now available.

In July 2019, eighteen international delegates comprising the Science Plan Working Group met to produce a Science Plan Structure and Road Map document highlighting the commonalities in the workshop outcomes and indicating a potential way forward towards a new science plan. Key aspects of this proposed new science plan, entitled Exploring Earth by Scientific Ocean Drilling, are:

- (1) A strong emphasis on interdisciplinary science at the crosslinks between science themes;
- (2) Enabling the next generation in scientific ocean drilling through a science plan that extends to 2050;



- (3) Eight open-ended strategic objectives that form the core of the science plan;
- (4) Five long-term, interdisciplinary flagship initiatives that address critical societal challenges;
- (5) Five-year programmatic reviews that allow intermediate adjustment or additions.

Plus d'infos : <http://www.ecord.org/iodp-future/>

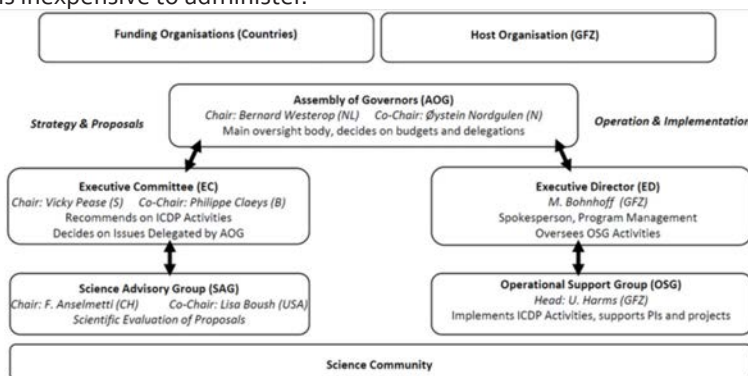


ICDP : In 2019, there are about 5 projects where work is ongoing, or where fieldwork is scheduled.

1. Europe - Czechia (EGER): Drilling the Eger Rift: Magmatic fluids driving the earthquake swarms and the deep biosphere
2. Europe - Italy (STAR): A Strainmeter Array Along the Alto Tiberina Fault System, Central Italy
3. Europe - United Kingdom (JET): Integrated Understanding of the Early Jurassic Earth System and Timescale (JET)
4. South America - Brazil (TAMAZON): Trans-Amazon Drilling Project
5. South America - BZ,CN,Namibia (GRIND): Geological Research through Integrated Neoproterozoic Drilling: The Ediacaran-Cambrian Transition



ICDP : The organizational structure of ICDP is "lean and mean". It is simple and transparent, and is flexible in dealing with the logistical needs of individual projects yet uncompromising as regards scientific excellence; and it is inexpensive to administer.



Nouvelles publications IODP-france / ECORD / IODP



ECORD Annual Report 2018

Download : <http://www.ecord.org/resources/reports/activities/>



ICDP Annual Report 2018

Download : https://www.icdp-online.org/fileadmin/icdp/media/Annual_Report/Annual_ICDP_Report_2018.pdf

New ! ECORD Newsletter #33, April 2019

Download : <http://www.ecord.org/resources/ecord-newsletter/>



New ! New Issue of Scientific Drilling, a multidisciplinary ICDP-IODP program journal delivering peer-reviewed science reports from recently completed and ongoing international scientific drilling projects. Issue **number 26** is available online.

Lien internet : <http://www.scientific-drilling.net/index.html>
<https://www.sci-dril.net/26/index.html>





Parution des derniers Proceedings IODP

Lien internet : <http://iodp.tamu.edu/publications/proceedings.html>

New ! Expedition 374: Ross Sea West Antarctic Ice Sheet History - 10 August 2019
Lien internet: <http://publications.iodp.org/proceedings/374/374title.html>

New ! Expédition 376: Brothers Arc Flux - 5 July 2019
Lien internet: <http://publications.iodp.org/proceedings/376/376title.html>

Expedition 369: Australia Cretaceous Climate and Tectonics - 25 May 2019
Lien internet: <http://publications.iodp.org/proceedings/369/369title.html>

Expedition 372A: Creeping Gas Hydrate Slides - 5 May 2019
Lien internet: <http://publications.iodp.org/proceedings/372A/372Atitle.html>

Expeditions 372B/375: Hikurangi Subduction Margin Coring, Logging, and Observatories - 5 May 2019
Lien internet: http://publications.iodp.org/proceedings/372B_375/372B375title.html

Expedition 381: Corinth Active Rift Development - 28 February 2019
Lien internet: <http://publications.iodp.org/proceedings/381/381title.html>

The Oceanography special issue "Scientific Drilling: Looking to the Future"

Lien internet: <https://tos.org/oceanography/issue/volume-32-issue-01>

Liens pour télécharger le rapport IODP-France 2003-2016

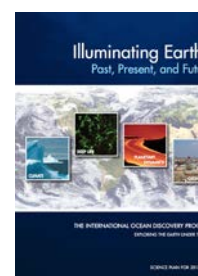
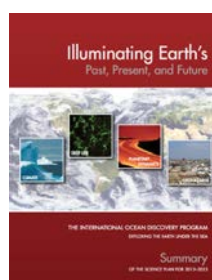
Vous y trouverez les dernières statistiques sur la participation française au Programme IODP et les résultats majeurs des expéditions récentes.

<http://www.iodp-france.org/pro/wp-content/uploads/2017/01/BilanIODP-France2016.pdf>



Liens pour télécharger le Science Plan IODP 2013-2023 :

<https://www.iodp.org/science-plan/115-iodp-science-plan-br/file>



<https://www.iodp.org/science-plan/127-low-resolution-pdf-version/file>

Liens pour télécharger le Science Plan ICDP 2014-2019 :



https://www.icdp-online.org/fileadmin/icdp/media/Science_Conference/ICDP_SciencePlan2014.pdf



Announces diverser / jobs

- EGU 2020: A session on Achievements and Perspectives in Scientific Ocean and Continental Drilling is welcoming submissions through January 15, 2020.
Lien : <https://meetingorganizer.copernicus.org/EGU2020/session/36478>
- The next framework for scientific ocean drilling beyond 2023 is under development.
Lien : <http://www.iodp.org/iodp-science-plan/654-science-framework-structure-and-road-map-document/file>
- A new book A Memory of Ice - the story of DSDP Leg 28 to the Antarctic margin - is downloadable from ANU Press.
Lien : <https://press.anu.edu.au/publications/memory-ice>
- Consensus items from the 2019 IODP Forum meeting in Osaka are now available.
Lien : <http://www.iodp.org/forum-minutes-and-consensus-items/655-forum-2019-september-consensus-items/file>
- Consensus statements from the May 2019 JR Facility Board meeting are now available.
Lien : <https://iodp.org/jrfb-minutes/620-jrfb1905-consensus-statements-action-items/file>
- The Call for IODP Drilling Proposals has been updated.
Lien : <http://www.iodp.org/proposals/call-for-proposals>
- IODP Future: A new area of the website has been established to document the planning process towards a new science plan. Initial outcomes of the four international planning workshops are now available.
Lien : <http://www.iodp.org/planning-for-a-post-2023-science-plan>
Lien : <http://www.iodp.org/2019-planning-workshop-outcomes>
- **IODP : Remplacement du JOIDES Resolution !**
A letter outlining the proposed replacement vessel for the JOIDES Resolution from Dr. Bradford M. Clement (Director, JOIDES Resolution Science Operator)
Lien : <http://www.iodp-france.org/pro/wp-content/uploads/2019/06/JR-replacement-letter-to-PMOs-1.pdf>
- U.S. National Science Board renews funding for the JOIDES Resolution through September 2024.
Lien : <https://iodp.org/nsb-resolution-feb-2019/file>
- Obituary notice: Two legendary scientists who participated in the March 1961 Project Mohole feasibility test, Gustaf Arrhenius and Walter Munk, have passed away on February 3 and February 8 respectively.
Lien : <https://scripps.ucsd.edu/news/obituary-notice-gustaf-arrhenius-1922-2019>
Lien : <https://scripps.ucsd.edu/news/obituary-notice-walter-munk-world-renowned-oceanographer-revered-scientist>
- China celebrates 50 years of scientific ocean drilling
Lien : <http://www.iodp.org/china-celebrates-50-years/file>
- IODP abstracts at AGU: The term "IODP" appears in 194 abstracts in 76 different sessions across 13 AGU sections at the Fall Meeting, from Biogeosciences to Union. Download statistics and a session list
Lien : <https://iodp.org/about-iodp/announcements>
- The 2018 Scientific Ocean Drilling Bibliographic Database Report is now available online.
Lien : http://iodp.tamu.edu/publications/AGI_studies/AGI_study_2018.pdf
- New IODP Forum Chair selected: Dick Kroon, Regius Chair of Geology at the University of Edinburgh, has been selected as the next chair of the IODP Forum. Dick will replace outgoing chair Jamie Austin effective October 1, 2018 for a three-year term.
Lien : <https://iodp.org/program-organization/dick-kroon-selected-as-3rd-iodp-forum-chair>
- EGU Symposium "Fifty Years of International Ocean Drilling" from April 2018 can be streamed here.
Lien : <https://client.cntv.at/egu2018/us4>

Vidéos

Videos : ECORD TV

Lien : <http://www.ecord.org/resources/gallery/ecord-tv/>



Clins d'oeil !

Les journées scientifiques SGF mettent à l'honneur les forages IODP/ICDP

The IODP-France office with the help of the EMA office was pleased to co-organize French Geological Society Scientific Days the last 16-17th October. This major event for the IODP-ICDP France community took place in the prestigious amphitheater of the Museum of Natural History in Paris. It was the first opportunity for both IODP-France and ICDP-France communities to exchange on their sciences and to share their most recent results. The high scientific quality of the presentations was deeply appreciated. Among others, six keynote speakers from UK, Austria, Canada and France have literally captivated the audience: Katryn Goodenough (British Geological Survey, Edinburgh, UK) discussed the needs of Georesources in the perspective of a low carbon future, Pierre Francus (INRS, Qc, Canada) exposed the challenges of ICDP drillings related to Climate Changes Researches, Christopher MacLeod (Cardiff University, UK) presented the recent results on Dynamic Planetary theme and the seafloor spreading, Ludovic Ferrière (Natural Museum History, Vienne, Austria) exposed the advances on meteorite impacts craters, especially the Chicxulub latest results, Marianne Conin (GéoRessources, Nancy France) summarized the last ten years of advances from NanTroSEIZE's IODP expeditions devoted to Geohazards, Olivier Rouxel (Ifremer, Brest, France) presented the latest achievements in Deep Life's theme, and Mathieu Schuster (IPGS, Strasbourg, France) presented the CHADRILL ICDP's Project on the paleoenvironmental context of hominid's evolution. All the IODP/ICDP themes were indeed addressed and contributed to the high diversity of scientific and geographic targets and to the real multidisciplinary of this meeting. Young researchers, including those who did benefit from the IODP-France post-doc funding, contributed also to the success of these scientific days.



The first joint meeting of the IODP and ICDP French communities at the Museum of Natural History in Paris was a great event. The large multidisciplinary of the presentations and the contribution of speakers from ECORD guaranteed this success. From left to right at the top: Olivier Rouxel (Ifremer, Fr), Christopher MacLeod (Cardiff University, UK), Pierre Francus (INRS, Canada), Katryn Goodenough (British Geological Survey, UK), Ludovic Ferrière (Natural Museum History, Austria). From left to right at the bottom: Marianne Conin (GéoRessources, Fr) and the amphitheater of the Museum of Natural History in Paris.

Climate Sentinels

- Nous tenions à vous informer d'une expédition (non-IODP/ICDP) au Svalbard en 2020 à laquelle 4 jeunes chercheuses vont participer et qui a pour but d'étudier la pollution en particules fines qui arrivent sur les glaces sur l'île du Spietsberg, dans le haut Arctique norvégien. La priorité de cette expédition est qu'elle soit totalement neutre en relargage de carbone. Pour cela, toutes les relevés seront réalisés à ski pendant 1 mois. Nous soutenons bien évidemment cette expédition, et nous relèguons cette information car **pour sensibiliser le grand public, ces 4 jeunes femmes souhaiteraient s'associer à des écoles ou des institutions tout au long de l'année scolaire pour parler du métier de scientifique mais aussi les suivre au cours de leur expédition et leur lancer des défis sur le terrain !**



Message d'Heidi Sevestre (une des 4 scientifiques impliquées) :

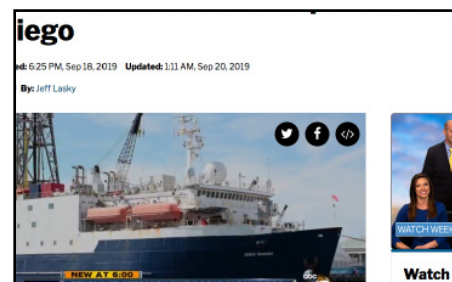
"En Avril 2020, quatre femmes scientifiques s'élanceront pour une expédition hors-du-commun dans l'Arctique Norvégien. Leur expédition, Climate Sentinels, sera une première. Les scientifiques évolueront pendant un mois en skis, tirant un traîneau chacune, entre deux stations scientifiques. Les 500 kilomètres à parcourir leur permettront de collecter des échantillons de neige et de mesurer ainsi leur teneur en particules fines. Emises à des latitudes plus basses, ces particules, une fois déposées sur la neige et la glace assombrissent ces surfaces et accélèrent leur fonte. Le moyen de transport choisi n'est pas sans raison. Les expéditions scientifiques polaires sont traditionnellement très gourmandes en énergies fossiles, sources de particules fines. Afin de ne pas contaminer leurs précieux échantillons, les Climate Sentinels veilleront à minimiser au maximum leur impact sur l'environnement. Le choix d'une expédition à skis s'est fait tout naturellement. Ce projet a également une composante pédagogique majeure. Des écoles en Suède, Norvège, France et Etats-Unis sont associées à Alia, Silje, Heidi et Dorothee, et tout au long de l'année scolaire 2019-2020 des classes entières vont se transformer en laboratoires scientifiques. Pour soutenir cette expédition qui est auto-financée, retrouvez toute l'équipe sur www.climatesentinels.com ou sur [facebook.com/climatesentinels](https://www.facebook.com/climatesentinels)."

Récemment dans les News

Médias - Exp. 385 : http://iodp.tamu.edu/outreach/expeditions/guaymas_basin_tectonics_biosphere.html



<https://www.kpbs.org/news/2019/sep/19/research-vessel-s-sailed-world-lands-san-diego-ah/>



<https://www.10news.com/news/local-news/renowned-research-ship-docks-in-san-diego>



<https://timesofsandiego.com/ted/2019/09/18/unique-scientific-ship-docks-in-san-diego-before-gulf-of-california-expedition/>



<https://www.nature.com/articles/d41586-019-02551-2>

IODP ●●● Climate change: Drilling in 'Iceberg Alley', BBC News



Lien : <https://www.bbc.com/news/science-environment-47711600>

IODP Exp. 376 ●●● Digging for gold inside a submarine volcano, Earth Magazine



Lien : <https://www.earthmagazine.org/article/drilling-gold-inside-submarine-volcano>

IODP 358 ●●● "Terres Extrêmes" : limite de plaque dans la zone subduction de Nankai (zone sismogène), France 5



Teaser : <https://www.france5.com/communiquedespresstertesextremes285783>

IODP ●●● This deep-sea mystery is changing our understanding of life, TED talk



Lien : https://www.ted.com/talks/karen_loyd_this_deep_sea_mystery_is_changing_our_understanding_of_life#:t760565

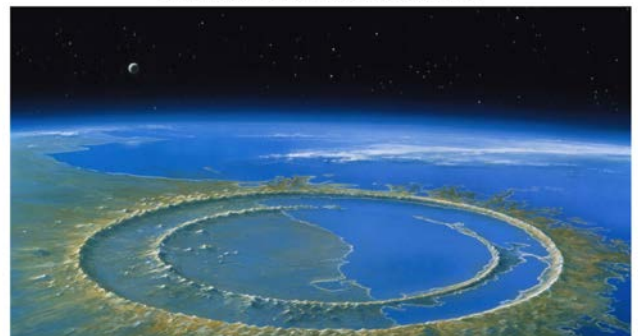
IODP Exp. 360 ●●● Keep Digging, BBC radio



Lien : www.bbc.co.uk/programmes/bo8kv3y6

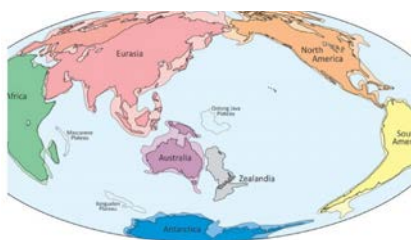
IODP Exp. 364 ●●● Drilling into the Chicxulub crater, Ground Zero of the dinosaur extinction, New York Times

TRILOBITES
*Drilling Into the Chicxulub Crater,
Ground Zero of the Dinosaur Extinction*



Lien : <https://www.nytimes.com/2016/11/18/science/chicxulub-crater-dinosaur-extinction.html?smid=pl-share>

IODP Exp. 371 ●●● Scientists reveal secrets of lost continent Zealandia, EarthSky.org



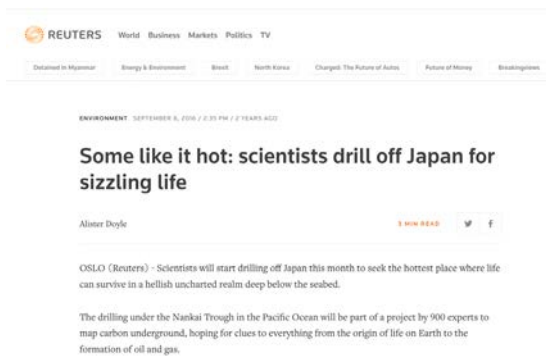
Lien : <http://earthsky.org/earth/lost-continent-zealandia-drilling-expedition-2017>

IODP Exp. 364 ••• Asteroid strike made 'instant Himalayas,' BBC



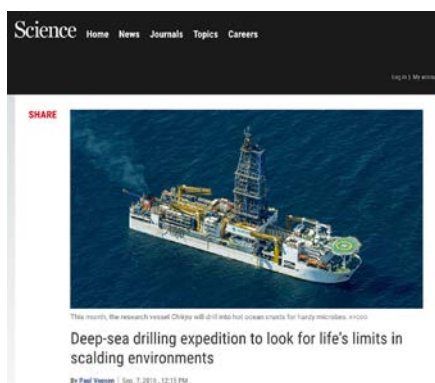
Lien : <http://www.bbc.com/news/science-environment-38019604>

IODP Exp. "NanTroSEIZE" ••• Some like it hot: scientists drill off Japan for sizzling life, Reuters



Lien : <https://www.reuters.com/article/us-environment-temperatures-idUSKCN1E1L1>

IODP Exp. "NanTroSEIZE" ••• Deep-sea drilling expedition to look for life's limits in scalding environment, Science



Lien : <http://www.sciencemag.org/news/2016/09/deep-sea-drilling-expedition-look-lifes-limits-scalding-environments>

IODP Exp. 362 ••• Floating lab drills 1.5km below sea floor to study megaquakes, New Scientist



Lien : <https://www.newscientist.com/article/2102382-floating-lab-drills-1-5km-below-sea-floor-to-study-megaquakes/>

IODP Exp. 364 ••• Scientists hit pay dirt in drilling of dinosaur-killing impact crater, Science



Lien : <http://www.sciencemag.org/news/2015/11/updated-drilling-dinosaur-killing-impact-crater-explains-buried-circular-hills>

IODP Exp. 364 ••• SoundCloud: Interview from the impact crater, Texas Standard



Lien : <https://soundcloud.com/texas-standard/dino-crater-04252016>

IODP and IODP Exp. 360 ••• A Decades-Long Quest to Drill Into Earth's Mantle, Smithsonian.com



Lien : <https://www.smithsonianmag.com/science-nature/decades-long-quest-drill-earths-mantle-may-soon-hit-pay-dirt-18097908?no-ist>