

Call for Proposals

Duration for receipt of applications: 1 April 2024 to 31 October 2024.

Overview

The "Deep-time Digital Earth" (DDE) initiative, recognized as the first big science program by the International Union of Geological Sciences (IUGS), sets its core goal to integrate and share deep-time data from the global Earth evolution process, to foster data-driven scientific discoveries and interdisciplinary collaboration. DDE will rely on the physical research environment and digital platform resources of the Deep-time Digital Earth Research Center of Excellence, Zhejiang (RCE (Hangzhou)) to plan and organize impactful and diverse workshops. Reflecting on the historic 1956 Dartmouth Conference, which ignited a revolution in computer science, we aspire to position the RCE (Hangzhou) as a beacon of transformative advancements in understanding Earth and its intricate evolution. Through the workshops, we are committed to maintaining active engagement with the global scientific community, thus enriching the IUGS DDE big science initiative.

This call for proposals seeks to provide seed funding to **3-4 workshop projects** each year in support of data-driven scientific discoveries and interdisciplinary collaboration in the field of earth sciences.

Eligibility

This is a global call for proposals on data-driven discovery in geosciences. [Note: Teams or individuals, who are currently conducting ongoing projects of related field and seeking for supplementary grants, are also eligible.]

Example Anticipated Deliverables

1. Publish collections of reports, journal papers, standards from each workshop, with selected works recommended for publication in high-impact journals.
2. Establish a dedicated Workshop Results Database and create relevant algorithms, tools, and models to upload the original research findings and data resources of the participants to the DDE platform for resource sharing.
3. Compile detailed manuals and textbooks based on the training course content, which can serve as references for subsequent offline and online training activities.
4. Promote the proposal and implementation of substantial joint research projects through the extensive exchange and cooperation during the Workshop period.
5. Other meaningful achievements.

6. Special Note: During the project implementation period, all outcomes arising from Workshop activities (including but not limited to research reports, data sets, meeting records, training materials, etc.) will adhere to the principles of open science and be fully disclosed and shared globally, aiming to promote knowledge dissemination and academic exchange in the field of earth sciences.

Duration

Workshop projects will be guided by RCE (Hangzhou), and typically, last no more than three weeks, and participating scientists will gather at RCE (Hangzhou) to complete projects through collaborative and immersive methods.

Application procedure

Once the application form has been completed, the proposer must submit the application to the RCE(Hangzhou) (hangzhou@ddeworld.org). The proposers will then receive an e-mail notification from the RCE(Hangzhou). Proposals will be reviewed on a regular basis, and the results will be notified within two months.

Application evaluation

RCE (Hangzhou) will be organizing a review committee and inviting DDE Science Committee to examine and evaluate applicants' proposals. Final decision will be made by RCE (Hangzhou). All successful applications will be announced publicly on the DDE website.

For any queries, please feel free to contact us at hangzhou@ddeworld.org.