



JOINT CALL FOR EARTHQUAKE RESEARCH
by
The Scientific and Technological Research Council of Türkiye
and
The National Natural Science Foundation of China

The Call is open between April 12nd and May 18th 2023

1. Preamble

In the framework of the Protocol of Scientific and Technical Cooperation between The Scientific and Technological Research Council of Türkiye (TÜBİTAK) and the National Natural Science Foundation of China (NSFC), universities, public research centers/institutes and companies (only for Türkiye) are invited to submit joint proposals for “Research and Development (R&D)” projects. A R&D project should focus on producing new knowledge; making new scientific interpretations or solving technological problems based on scientific principles.

2. Objectives of the Call

The aim of the call is to allow partners to collaborate internationally on “Earthquake Focused Research and Development (R&D)” projects under the call topics defined in Article 3 of this call text.

3. Main Thematic Areas:

Multi/Interdisciplinary research on:

- Post-Disaster Waste Management, Safe Demolition and Environmentally Friendly Disposal and Recycling Technologies for Construction Wastes

- Innovative Construction Models for Seismic Isolation, Engineering Solutions for Architectural Designs, Advanced Engineering Material Technologies and Post-Disaster Reconstruction Studies
- Socio-Economic, Social and Environmental Widespread Impacts of the Earthquake
- Digital Technologies for Earthquake Engineering: Development of National Radio Communication Network for Central Disaster Management and Development of Integrated Real-Time Disaster Information Management System (DIMS)
- Comprehensive Scenario, Foresight and Analysis Studies
- Domestic Development of Advanced Technological Solutions and Systems that can Directly Contribute to Increasing the Speed and Efficiency of Search & Rescue Operations and Detection of Survivors Under the Rubble During and After a Disaster

The details of the sub-topics are available in [Call Topics Document](#)

4. Financial Issues

Project partners will be funded by the funding institutions of the respective partner countries (Türkiye and China). The projects will be supported with grants from the national budget in accordance with the respective national funding regulations.

TÜBİTAK-funded costs of each grant will be issued and managed by TÜBİTAK in accordance with the rules of TÜBİTAK 1071 Programme - Support Programme for Increasing Capacity to Benefit from International Research Funds and Participation in International R&D Cooperation.

As a rule, Turkish partners that are eligible for funding can receive up to 1.500.000 Turkish Liras (excl. overhead and Project Incentive Premium (PIP) approximately) per project.

Chinese partners that are eligible for funding can receive up to 1.500.000 RMB per project (direct cost). NSFC-funded costs of each grant will be issued and managed by NSFC according to its funding guidelines and procedures.

Maximum 8 projects will be funded and the duration of the projects should be maximum three years (36 Months).

For Turkish partners, total duration of international visits should not exceed two months (60 days) per year for the each supported joint research project. In the case of bilateral travel, economic class air tickets and daily allowance shall be paid in accordance with the provisions of the per diem Law No. 6245 for the Turkish partners.

The costs of exchange of experts, scientists and other specialists will be covered on the following basis:

- The sending Party will meet all related costs connected with travel, lodging and allowances according to their own regulations.
- The sending Party shall be responsible for the emergency health insurance of its scientists.

The projects will be monitored through progress reports and the final report by both TÜBİTAK and NSFC for its content and progress.

5. Proposal Submission

The Joint Call will be open for applications between April 12th and May 18th of 2023 through online application systems of TÜBİTAK and of NSFC.

Turkish partners will make their joint online application via TUBITAK's UIDB-PBS online system, <http://uidb-pbs.tubitak.gov.tr> . For Turkish partners the system will be closed on May 18th 2023 at 17:00 (Turkish time) and they should finalize the e-signatures until May 26th 2023 at 17:00 (Turkish time).

Chinese partners will make their joint online application via NSFC system, <http://grants.nsf.gov.cn/egrantweb/> . For Chinese partners the system will be closed on May 18th 2023 at 16:00 (Beijing Time).

- The partners should come to an agreement with each other using their own means of communication and jointly develop and complete their project proposal before submitting it to TÜBİTAK and NSFC. **TÜBİTAK and NSFC do not match the collaborating partners.**
- The proposals should be prepared in **English**.
- Additional proposal in Chinese is required for the Chinese partners.
- Project proposals must provide detailed information on the objectives and justification of the planned joint research work, the methodology to be followed, the composition of each research team and the intended time schedule.
- Turkish partners will make their joint online application via TUBITAK's online system: <http://uidb-pbs.tubitak.gov.tr>
- Turkish partners will use E-Signature for their applications. Detailed information can be achieved via http://www.tubitak.gov.tr/sites/default/files/281/ardeb_e-imza_yardim_dokumani.pdf. There is no need to send any hard copy to TÜBİTAK.
- Chinese partners should submit their application via NSFC grants online system, <http://grants.nsf.gov.cn/egrantweb/>. The details for the submission can be found in the

call for proposals to be launched on NSFC official website
<https://www.nsf.gov.cn/publish/portal0/tab434/module1146/more.htm>.

6. The Evaluation Procedure

6.1. Eligibility Criteria

The proposals will be evaluated according to the national regulations of the funding institutions based on jointly agreed rules and criteria of evaluation. Only projects that fit to the call topics mentioned in Article 3 of this document can be funded.

For Turkish researchers, further information available at: [National Rules Document](#)

Chinese partners should follow the relevant rules and requirements of NSFC. The details for the eligibility of Chinese partners can be found in the call for proposals to be launched on NSFC official website <https://www.nsf.gov.cn/publish/portal0/tab434/module1146/more.htm>.

6.2. Evaluation Criteria

The project proposals will be evaluated on the basis of the following criteria:

- Scientific and Technological Excellence
- Methodology
- Project Management
- Importance of Bilateral Cooperation
- Impact

6.3. Evaluation Method

Project proposals must provide detailed information on the objectives and justification of the planned joint research work, the methodology to be followed, the composition of each research team and the intended timetable and the proposed budget. Project proposals shall be submitted for evaluation and approval simultaneously to TÜBİTAK and to NSFC. Each proposal shall comprise an Application Form prepared in English and further formal and financial information according to the required form, which should be submitted to the both funding agencies respectively.

Applications which are not submitted on both sides will not be accepted for evaluation. Hence, Turkish/ Chinese project leaders should make sure that their counterpart submits a matching Application.

Eligible proposals will be subject to the independent evaluation by the funding agencies. Each funding agency will first establish its respective ranking list of proposals according to the evaluation result. Then a common ranking list will be developed based on a joint panel meeting organized by NSFC and TÜBİTAK with panelists recommended by the two funding agencies. The final decisions on max. 8 projects to be supported will be made by the TÜBİTAK and NSFC based on the common ranking list and within available budget.

7. Key Dates

| ACTIONS | PERIODS |
|---|---|
| Application Announcement | April 12 th 2023 |
| Deadline for Applications | May 18 th 2023 (at 17:00 Turkish time, TUBITAK) May 18 th 2023 (at 16:00 Beijing time, NSFC) |
| Deadline for E-Signatures for TÜBİTAK | May 26 th 2023 (at 17:00 Turkish time) |
| Announcement of the Eligible Proposals List | June 16 th 2023 |
| Independent Evaluation Period | Early August, 2023 |
| Jointly deciding the final result (panel meeting) | Late August or early September 2023 |
| Announcement of the Results | Late September 2023 |

8. Contact Persons of TUBITAK and NSFC:

For Turkish Side:

Mrs. Melike ERGÜN
Program Coordinator

The Scientific and Technological Research Council of Türkiye (TÜBİTAK)
International Cooperation Department
Bilateral and Multilateral Relations Division
Phone: +90 312 298 1799
E-mail: melike.sevimli@tubitak.gov.tr

(For Application Technical Issues)

Dr. Mahmut ÖZER
Scientific Programmes Senior Expert

The Scientific and Technological Research Council of Türkiye (TÜBİTAK)
Research Funding Programmes Directorate
International Collaboration Projects Research Support Group (UPAG)
E-mail: mahmut.ozertubitak.gov.tr

For Chinese Side:

Ms. Jie SHEN
Program Officer

National Natural Science Foundation of China (NSFC)
Bureau of International Cooperation
Division of European Affairs
Phone: +86 010 6232 7017
E-mail: shenjiejie@nsfc.gov.cn
(For Application Technical Issues, please contact +86-10-6231 7474)