

Call for Research Proposals National Research Priorities (21st April – 20th June 2019)

KFAS is pleased to announce the **Second Cycle of 2019** for submission of applications seeking funding of research proposals.

Since late 2013, all new research proposals are submitted, reviewed and decided upon within two bi-annual cycles. The aim is to ensure not only a more competitive practice but also a harmonized assessment and consideration process with a view of selecting and awarding grants to those proposals that meet the goals of KFAS, in an optimal way.

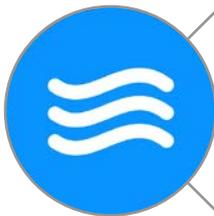
Researchers with interests in the areas listed below are welcome to submit their **FULL** proposals no later than **20th June 2019**.

National Research Priorities



Energy

- * Innovative applications of renewable energy technologies that lead to significant reduction in peak load and energy consumption.
- * Development of realistic Energy Use Intensity benchmarks for different types of air-conditioned buildings and appliances. Improving and optimizing the use of available energy technologies and schemes that promote energy efficiency and conservation in existing and new buildings (specifically to promote green buildings).
- * Development and promotion of clean technologies for effective carbon management and decarbonization of fossil fuels that can contribute to the long-term sustainability of petroleum as a source of energy by reducing its carbon footprint and making it more efficient and environment-friendly. These include Carbon Capture Use and Storage (CCUS), Direct Air Capture (DAC) and Direct Carbon Removal (DCR) technologies.
- * Development of smart energy grids for Kuwait.



Water

- * Innovation in Desalination Technologies, including the applications of nano-technologies.
- * Integrated Water Management including preservation, protection and wastewater recycling.
- * Optimizing not only the use of available and new water production technologies, but also the economics of domestic water and energy systems.



Health and Environment

- * Solid Waste Treatment and Management (by type of solid waste e.g. plastic, glass, metal etc.), including new and innovative solid waste recycling technologies.
- * Prevention and control of pollution including waste recycling and management of hazardous material through development of strategies and technologies.
- * Restoration of degraded ecosystems.
- * Climate change research to address its challenges and reduce Kuwait's vulnerability to the impacts of climate change, with emphasis on new promising technologies and policies.
- * Advanced technologies and experimental therapeutics for the management and prevention of chronic diseases and conditions exacerbated by environmental or other factors.

Eligibility

Researchers/scientists from the Kuwaiti Research & Higher Education sector, governmental institutions, Kuwaiti Shareholding Companies (KSC) and non-profit organizations, are eligible to apply for research funding. **However, all applications should be submitted through the institute/organization to which the applicant is affiliated.** Researchers/scientists from International academic and research institutes may also apply for research grants if the research project involves substantial collaboration, submitted through, and administered by a national (Kuwaiti) institute.

Note that multi-institutional / interdisciplinary proposals are especially welcome provided that the proposals highlight clearly the purpose of collaboration that would intrinsically add value to the research plans and possible outcomes/findings.

How to Apply

Kindly fill in the research proposal forms here. Make sure you **SAVE** the completed forms in a **CD/Flash Memory** and **MAIL** it to the following address:

**Director of Research,
Research Directorate
Kuwait Foundation for the Advancement of Sciences
Ahmad Al Jaber St. Sharq, State of Kuwait
Telephone: (965) 22278125/22278126
Fax: (965) 22278111
Email: research@kfas.org.kw**

Please visit our website (www.kfas.org.kw) and refer to the KFAS Research Grant Manual for additional information.

Instructions for Applicants

- Softcopies (CD/Flash memory) and hardcopies of KFAS application forms and proposals are required for submission.
- The letter of intent must be signed and mailed to the address above as a hardcopy.

Preliminary Assessment

- All proposals are screened by KFAS based on the requirements outlined in the present call.
- Proposals in line with KFAS research scope will have the advantage to undergo peer review to assess the scientific merit of the proposal.

Contact Us

If you have any inquiries, please email us at research@kfas.org.kw

CYCLE DEADLINE

20th June 2019

*Please note that KFAS expects to announce its next call in **Nov – Dec 2019***