

# MEMORANDUM OF UNDERSTANDING

between

ARGONNE NATIONAL LABORATORY

and

KING ABDULLAH PETROLEUM STUDIES AND RESEARCH CENTER (KASPARC)

## FOR COLLABORATION ON RISK ANALYSIS

Argonne National Laboratory and King Abdullah Petroleum Studies and Research Center (KASPARC), collectively herein the "Participants",

SHARING an interest in collaborating to promote co-operation in safety, security and sustainability aspects of resilience of critical infrastructures,

HAVE REACHED THE FOLLOWING UNDERSTANDING:

### I. OBJECTIVE

The Participants intend to work together to develop the mechanisms and processes to promote research and technical exchange and cooperation for the mutual goal of improving safety, security and sustainability aspects of resilience of critical infrastructures. The activities may include exchange of information on resilience indicators, resilience assessment methods, resilience assessment tools, resilience assessment auditing and certification, and networking analysis.

### II. FORMS OF COOPERATION

Planned cooperation may include:

- 2.1 Exchange of published scientific and technical information, reports and joint publications.
- 2.2 Exchange of scientists, engineers, and other specialists for participation in cooperative activities, including conferences, and workshops. Each Participant is to abide by the health, safety, and environmental requirements of the host Participant when on an exchange assignment at the host Participant's facility.
- 2.3 Conducting meetings organized to discuss specific technical topics and cooperative activities, including conferences, seminars, and workshops.
- 2.4 The conduct of collaborative research and development is to be undertaken under an appropriate written contract therefor.

### III. POINTS OF CONTACT

Each Participant should designate one or more Lead Coordinators to serve as its principal representative(s) for all activities conducted under this Memorandum of Understanding (MOU), including identifying areas

of cooperation, coordinating cooperation between the Participants, and identifying available resources (including funding) for potential collaborative activities under this MOU.



#### IV. GENERAL CONSIDERATIONS

1. This MOU does not create any legally binding obligations between the Participants.
2. The conduct of cooperative activities contemplated by this MOU is subject to the availability of funding, personnel, and other resources.
3. Each Participant should conduct the cooperation under this MOU in accordance with applicable laws and regulations to which it is subject, and international agreements to which its Government is party. Each Participant recognizes that the purpose of this MOU is to facilitate the discussion around publicly available scientific information, and that this MOU does not allow or encourage either party to disclose non-public information.
4. Each Participant is to be responsible for the costs it incurs in participating in cooperative activities under this MOU.

#### V. COMMENCEMENT, MODIFICATION AND DISCONTINUATION

1. Cooperative activities under this MOU may commence upon signature by the Participants and continue for a 5-year period unless discontinued in accordance with paragraph 2 of this Section.
2. The Participants may discontinue this MOU at any time in writing by mutual consent. Alternatively, a Participant that wishes to discontinue its participation in this MOU should endeavor to provide at least ninety (90) days written notice to the other Participant.
3. This MOU may be modified or extended by mutual written consent of the Participants.

Signed in duplicate.

For Argonne National Laboratory:	For King Abdullah Petroleum Studies and Research Center (KASPARC)
	
Name/Title: Dr. Suresh Sunderrajan, Associate Laboratory Director	Name/Title: ADAM SIEMINSKI PRESIDENT
Place: Argonne National Laboratory, Lemont, IL	Place: KASPARC
Date: 06/26/2020	Date: Aug 19, 2020