

Hybrid Workshop on International Concrete Harvesting

Location and Dates: NRC HQ, TWFN Auditorium, Rockville, MD, US (and video meeting)
October 4, 2024, 9 am to 5 pm (tentative)

Motivation:

- There are increasing opportunities to harvest aged components and materials (CMs) from decommissioning nuclear power plants (NPPs) worldwide. Harvested CMs are valuable because, unlike most accelerated laboratory tests samples, they have been exposed to actual in-service plant operating conditions (temperature, irradiation, chemical environment, time, stress, confinement, etc.).
- Data from NPPs will improve understanding of material degradation associated with extended operation of nuclear power plants from relevant aging conditions.

Vision:

- The international nuclear community should work together to optimize concrete harvesting efforts and maximize research value.
- Global harvesting efforts on metals components have progressed since the NRC-NEA international harvesting workshops in 2020 and [2022](#). Participants from those workshops have highlighted, that a similar international concrete harvesting workshop would be beneficial to establish the status of concrete harvesting research and explore opportunities for further information sharing and for organizing collaborative research.

Desired Outcome:

- Identify activities (both ongoing and planned) within each country that are unique and most valuable to the international community and may be good candidates for information sharing and collaboration.
- Identify next steps to pursue information sharing or joint harvested concrete research among interested countries and organizations.

Tentative Workshop Agenda:

- Combination of technical presentations, brainstorming session and discussion
 - Sharing the concrete harvesting research status in each country/organization
 - Discuss research issues of common interests and priorities
 - Discuss potential information sharing network and collaborative research plans
- Registration is free but participants are requested to register by 31st July 2024. Please register ([workshop registration](#)). If you are not U.S. citizen who will be attending in-person, please send your passport to the NRC using [this link](#).
- This workshop will be in conjunction with the “NRC Hybrid Workshop on Structural Materials: What Research for Beyond 80 Years?”. The detailed information and registration link are [posted here](#).

Contacts: Keiko Chitose, keiko.chitose@oecd-nea.org
Didier Jacquemain, Didier.JACQUEMAIN@oecd-nea.org
Madhumita Sircar, madhumita.sircar@nrc.gov
Jose Pires, jose.pires@nrc.gov