



“APSU Conference for Dam Safety”

13 November 2021, 12:00 to 14:00 pm

Venue:- **Baghdad Hall / Mosul Dam Camp - Iraq**

Technical Session 1: Optimal Practices for Operation and Maintenance to Deal with dam safety Issues

Moderator: Dr. Nidal Salem – Director of Global Institute for Water, Environment and Health (GIWEH)

Human mistakes and errors have undermined safety in many cases in the operation of dams leading to grave safety issues including many failures. Safety hazards also were exasperated by failing to do necessary inspection and maintenance or upgrading works. More emphasis over dam safety measures is needed now in our existing dams and in their future development of dams if they are to continue delivering their benefit without causing harm to human communities.

Session's Goals:

In this session, some practices in operation and maintenance of dams will be reviewed. It is believed they will contribute to:

1. Safeguard lives occupying the downstream areas of the dam and reduce damage to property in the event of its failure or flooding caused by large releases.
2. Reach to a reasonable level of balance between achieving the goals of dam construction and mitigating the potential risks resulted its operation and maintenance.
3. Identify unusual and unlikely conditions, initiate emergency operations and possible remedial actions, and notify pertinent parties of emergency situations



Session details and Key Speaker is as follow:

	Title	Speaker	Organization	Participati on mood
1	Jordan's dams operation and, maintenance	Eng. Hesham Halal Al-Hesa	Ministry of Water and Irrigation- Jordan Valley Authority	physical
2	Emergency preparedness of the Mosul Dam Project	Dr. Nadheer Abood Fazaa Zubair Murshed Dr. Samir Al Attar	UNDP	Online
3	Dam Safety Practices in Turkey	Mr. Mutlu liker Peker	Dam safety and Monitoring Branch Manger Dsi	Physical
4	DAM SAFETY THE SWISS CONCEPT FOR SURVEILLANCE AND PREPAREDNESS	Alexandre WOHNLICH Head of Dam Department, STUCKY Ltd Switzerland	Stucky Company	Online
5	Procedures and techniques used to ensure the safety of the dam	Dr. Khalil I. Othman	Dams & Water Resources Research Center DWRRC Mosul University	Physical
6	Technical Monitoring of the HPP "Piva" Dam		Energoprojekt- Hidroinzenjering J.S.C. Serbia	Online

