

Natural Hydrogen Workshop in Japan

Friday, February 14th, 2025.
From 1:00 p.m. to 5:25 p.m. (JST)

Venue: Haseko-Kuma Hall & Zoom,
Engineering Building 11, Faculty of Engineering,
The University of Tokyo

Time	Activity	Speaker
1:00-1:20	Welcome note	Mr. KIRA Yoshihide (JAPT) Dr. KISHIMOTO Kikuo (NEDO) Dr. YAMAMOTO Koji (JOGMEC)
	Greeting from our Honored Guest "Japan's Policies on Hydrogen"	Mr. UDAGAWA Noriya (Director, Hydrogen and Fuel Cells Strategy Office, Hydrogen and Ammonia Division Energy Efficiency and Renewable Energy Department Agency for Natural Resources and Energy Ministry of Economy, Trade and Industry of Japan)
1:20-2:50	Part 1 : Natural Hydrogen as an Energy Source	
	(1) Natural Hydrogen: An Overlooked Potential Energy Resource (45 min.)	Dr. Geoffrey S. ELLIS (Research Geologist, US Geological Survey)
	(2) Unleashing the potential of Geologic Hydrogen as a primary energy source (45 min.) *Webinar	Dr. Douglas A. WICKS (Program Director, The Advanced Research Projects Agency, US Department of Energy)
Coffee Break (25 min.)		
3:15-4:55	Part 2: Hydrogen Generation Process and Potential of Natural Hydrogen in Japan	
	(1) Petrological characteristics of lower crust-upper mantle rocks; The reality and distribution of geologic hydrogen sources in Japan (20 min.)	Dr. YAMASAKI Toru (Chief Senior Researcher, AIST)
	(2) Researching natural hydrogen in three ways (20 min.)	Prof. YAMADA Yasuhiro (Dep. of Earth Resources Engineering, Kyushu University, Japan / Dept of Earth Sciences, Royal Holloway University of London UK)
	(3) Geochemical factors affecting hydrogen generation during low- temperature serpentinization (20 min.)	Prof. OTAKE Tsubasa (Faculty of Engineering, Hokkaido University)
	(4) Iron partitioning and evolution of fluid pathways during serpentinization and H ₂ generation (20 min.) *Webinar	Prof. OKAMOTO Atsushi (Graduate School of Environmental Studies, Tohoku University)
	(5) Exploration of natural hydrogen (20 min.)	Prof. TSUJI Takeshi (School of Engineering, The University of Tokyo)
4:55-5:25	Panel Discussion (30 min.)	Panelists: Speakers of Part 1 & 2 Moderator: Dr. YAMAMOTO Koji
5:30-7:00 Networking Reception (Lounge next to Venue)		

Organizers:



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