

## **Sustainable Communities - Energy-Food-Water Nexus**

## International Online Course



## Roshni Udyavar and Associates (RU&A), INDIA

## **Arava Institute of Environmental Studies (AIES), ISRAEL**

Program Outline			
Week 1: Energy			
	Date	Lecture	Speaker
Jul-10	Monday 17:30-20:00 India Time	E-F-W and Energy Transition; Introduction to Renewable Energy	Mr. József Kádár Researcher, Center for Renewable Energy & Energy Conservation, Arava Institute
		Israeli Electricity Market - Path to Renewables	Dr. Nurit Gal CEO of e-NRGY consultancy
Jul-12	Wednesday 17:30-20:00 India Time	Harvesting the Sun Twice: Agrivoltaics in the Southern Arava	Dr. Tali Zohar  Head of the Renewable Energy & Energy Conservation Department, Arava Institute; Researcher, Dead Sea & Arava Science Center
Jul-12		The Way to Reach 100% Renewable Future - Best Practices from Hungary and Europe	Mr. Csaba Peter Csontos  PhD fellow, ELTE University Department of Environmental and Landscape Geography, Hungary
Jul-13	Thursday 17:30-20:00 India Time	Empowering Sustainable Futures: Unlocking Renewable Energy Finance	Ms. Marine Cornelis  Executive director and founder, Next Energy Consumer, Italy
		Energiya Global - Israeli Vision for a Solar World	Mr. Yosef Abramowitz President & CEO, Gigawatt Global
Week 2 - Food			
	Date	Lecture	Speaker
Jul-17	Monday 17:30-20:00 India Time	Enhancing Food Security in the Community	Dr. Oren Hoffman  Director, Center for Sustainable Agriculture, Arava Institute.
		The Flying Squad – How Birds and Bats Protect Sesert Agriculture	Dr. Jessica Schäckermann  Academic Director, Arava Institute; Agroecologist and Nature Conservationist
Jul-19	Wednesday 17:30-20:00 India Time	Permaculture – Ethics and Principles	Mr. Mike Kaplin  Green Apprenticeship Course Director, Center for Creative Ecology, Kibbutz Lotan
		SRT as Sustainable Solution to Resolve Both Food Shortage and Global Warming	Mr. Chandra Shekhar Bhadsavle Innovator Farmer and Founding President, Saguna Rural Foundation (SRF), India
Jul-20	Thursday 17:30-20:00 India Time	Comprehensive Approach for Developing Agricultural Projects in Rural Areas	Mr. Moti Harari Agricultural Researcher, Southern Arava R&D Center
		Sustainable Healthy Nutrition as the Compass Coping with the Interlinkage Syndemia and Climate Crisis	Dr. Dorit Adler  RD, MPH, PhD Clinical dietitian; President of the Israeli Forum for Sustainable Nutrition; Co-Chair, Food System and Water Cluster, Israeli Presidential Climate Forum
Week 3 - Water			
	Date	Lecture	Speaker
Jul-24	Monday 17:30-20:00 India Time	Water Management in Urban and Rural Areas	Dr. Hari Haran Chandra  Trustee, AltTech Foundation, focus on accelerating sustainability, India
		Appropriate Water and Wastewater Technologies for Off-Grid Communities in India	Mr. Romiel Samuel  Chairman, Indus Water Institute, India's pioneering Incubator & Accelerator, focus on Water & Waste  Water sector
Jul-26	Wednesday 17:30-20:00 India Time	Introduction to Water Issues & Water Technologies: Part A - Overview of Water Resources Management: A Global Perspective Part B - Defining Water Scarcity - Conflict & Cooperation	Dr. Clive Lipchin  Director, Center for Transboundary Water Management, Arava Institute, focus on environmental problems facing Israel, Jordan and the Palestinian Authority
Jul-27	Thursday 17:30-20:00 India Time	The Economics of Water Resources - A Comprehensive Approach	Prof. Yacov Tsur  Ruth Ochberg Emeritus Professor of Agriculture, Department of Environmental Economics &  Management, Hebrew University of Jerusalem
Week 4 - Closing Session: Inter-Relation			
Date		Lecture	Speaker
Jul-31	Monday 17:30-20:00 India Time	Reflections on Priorities and Alternatives in Environmental Policy Considerations - the Personal Experience	Dr. Shmuel Brenner  Director, Center for Sustainable Development and Head of MASHAV extension, Arava Institute; Former Deputy Director General, Ministry for Environmental Protection, Israel
		The Arava Institute's Activity in the Field of Water-Food-Energy Nexus	Dr. Tareq Abu Hamed  Executive Director of the Arava Institute for Environmental Studies