

Israel-Kenya Water Resource, Irrigation and Capacity Building Symposium

Online, Tuesday November 11th, 2025 9:00-13:00

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Session I: Introduction

- 9:00-9:15 Overview of the Kenya Water Institute (Prof. Leiro Letangule, KEWI Director)
- 9:15-9:30 Overview of the Volcani Institute (Prof. Benny Chefetz, ARO Director)

Session II: Water Resource Management and Irrigation

- 9:30-9:45 Water resource management in Israel (Daniel Kurtzman, ARO)
- 9:45-10:00 Water resource management in Kenya (Veronica Muhia, KEWI)
- 10:00-10:15 Overview of drip irrigation (Shmulik Friedman, ARO)
- 10:15-10:30 Irrigation with Treated Wastewater: Lessons, Benefits, and Challenges from the Israeli Experience (Eddie Cytryn, ARO)

Session III: Water technologies and solutions

- 10:30-10:45 Rooftop aquifer recharge (Uri Nachshon, ARO)
- 10:45-11:00 Remote sensing for optimizing irrigation (Yafit Cohen, ARO)
- 11:00-11:15 Data science for optimization of agriculture, water resource and food networks (Alon Sela, ARO)
- 11:15-11:30 Tailored organic-inorganic composites for efficient removal of contaminants from water (Chagai Kohai, ARO)
- 11:30-11:45 Coffee Break

Session IV: Capacity Building, Policy, and Community Engagement

- 11:45-12:00 Commercialization of sanitation: the AfDB Project (Virginia Nanetia, KEWI)
- 12:00-12:15 The Kenya-CultivAid–Volcani Institute Partnership for Climate-Resilient Agriculture (Tomer Malchi, Director, Cultivaid)
- 12:15-12:30 Capacity building needs (Eric Wamiti, KEWI)

Session V: Next Steps

- 12:30-12:45 Roundtable discussion
- 12:45-13:00 Ideas for future collaborations (Directors)

