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# 8th International Conference on Duckweed Research and Applications

## Thursday 01 October 2026

### Applications II — wastewater & remediation - Sala Cinese (14:00-15:30)

-Conveners: Viktor Oláh

| time  | [id] title                                                                                                                                                     | presenter              |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| 14:00 | [4] Tripartite Synergy in a Baffled Duckweed Reactor for 2-Chloro-4-Nitroaniline Remediation: Metabolic Pathways, Microbial Dynamics, and Biochar Valorization | Prof. TAWFIK , Ahmed   |
| 14:15 | [71] Exploring Duckweed for Remediation of, and Resource Recovery from Industrial Fish Filleting WasteWater                                                    | Ms. KATSARA, Alexandra |
| 14:30 | [43] Group therapy: Macrophyte polyculture of Lemna species and Azolla filiculoides for the optimized remediation of meat processing wastewater                | Ms. CHEN, Jingrou      |
| 14:45 | [18] BIOACCUMULATION AND PHYTOTOXICITY OF IONIC RARE EARTH ELEMENTS (CERIUM, NEODYMIUM, SAMARIUM) IN LEMNA GIBBA                                               | Dr. KOLESZÁR, Gergő    |
| 15:00 | [60] Dried Duckweed Biomass as a Boron-Binding Soil Amendment Produced through Nutrient Recovery from Agricultural Drainage Water                              | Dr. KUTMAN, Umit Baris |
| 15:15 | [13] Integrating Duckweed into a Chain of Brine Reuse Enhancing the Value of Desalination for Food Production: The Case of Somalia                             | Prof. ORON, Gideon     |