

Conference Agenda

Session

PE1: Poster Exhibitions

Time: Monday, 17/Aug/2026: 8:00am - 7:00pm

Location: Foyer Garden 5

Presentations

STABILISING RIVERBANK TOE USING SOIL AND WATER BIOENGINEERING AND LARGE WOOD STRUCTURES : PRELIMINARY FINDINGS OF PHYSICAL MODEL EXPERIMENTS

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EXPERIMENTAL STUDY ON AERATION CHARACTERISTICS OF HIGH-SPEED OPEN CHANNEL FLOW UNDER DIFFERENT ATMOSPHERIC PRESSURE

Haoran Liang, Wangru Wei, Yuxuan Qiu, Ju Deng, Mingjiang Liu, Yubo Ran, Qiang Long

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FROM DATA TO DESIGN: HYDRAULIC STAGES FOR FISH PASS DEVELOPMENT IN SMALL HYDROPOWER PLANTS ON THE RHÔNE RIVER

Aurélien Gudot¹, Emilio Corrales Lalinde¹, Théo Barthout²

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VALIDATING A 2D NUMERICAL MODEL OF FLOW IN VERTICAL SLOT FISHWAYS: THE ARTO-BLANCA CASE STUDY

Martin Bombač¹, **Gasper Rak**²

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EVALUATING REMOTE SENSING-ENABLED MACHINE LEARNING FOR SALINITY PREDICTION IN THE VIETNAMESE MEKONG DELTA

Ngo Tran Sang¹, **Doan Van Binh**², Pham Thi Mai Thy³, Sameh Ahmed Kantoush⁴, Tran Thi An⁵, Nguyen Dinh Vuong⁶

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MORPHOLOGICAL EVOLUTION OF THE PRÉVERENGES BIRD ISLAND AND TOMBOLO FORMATION

Thomas Gil, Azin Amini, Giovanni De Cesare

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ECO-HYDRAULICS SOLUTIONS FOR WAVE ATTENUATION: THEORETICAL, NUMERICAL AND EXPERIMENTAL ANALYSIS

Diana De Padova, Mouldi Ben Meftah, Francesca De Serio, Michele Mossa

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HORIZONTAL SCREENS FOR FISH PROTECTION AND GUIDANCE – SYNOPSIS OF EFFICIENCY EVALUATION

Franz Geiger, Mathilde Cuchet

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PHENOMENOLOGICAL MODELLING OF SPACE-TIME EJECTION-SWEEP SEQUENCES

Nicola Spoletini, Paolo Perona

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PREDICTING BROWN TROUT DISPERSAL PATTERN UNDER DIFFERENT FLOW REGIMES USING A HABITAT-SUITABILITY-DRIVEN METAPOPULATION MODEL

Francesca Padoan, Giulio Calvani, Alexandra E. Knoblauch, William Wagner, Giovanni DeCesare, Paolo Perona

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INTEGRATED MANAGEMENT OF LOW-FLOW HYDRAULICS: A METHODOLOGICAL FRAMEWORK APPLIED TO THE AIRE AND DRIZE

Brian Salamin¹, Tony Arborino², Jacopo Grazioli³, Franck Pidoux³, Paolo Perona¹

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AVERAGE LIFETIME OF RIPARIAN VEGETATION FROM STOCHASTIC EROSION AND DETERMINISTIC RECOVERY

Giulio Calvani, Paolo Perona

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ECOHYDRAULIC MANAGEMENT OF SATURATION-EXCESS BRACKISH WATER PONDING IN NOUAKCHOTT, MAURITANIA

Elouan Praplan¹, Mohamed Mahmoud Abidine², Moustapha Taleb³, Emmanuel Dubois⁴, Maimouna Saleck⁵, Fatimetouh Boukhreiss⁶, Philip Brunner⁷, Paolo Perona¹

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LAB EXPERIMENTS TO UNRAVEL DYNAMOTROPISM IN RIPARIAN PLANT ROOTS

Yahel Eliyahu-Yakir, Giovanni De Cesare, Paolo Perona

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MODELLING FREE-SURFACE FLOW CONSTRUCTED WETLANDS TO IMPROVE SEDIMENT FILTERING EFFICIENCY: THE CASE OF THE SKUTERUD WETLAND, NORWAY

Jiaqi Liu¹, Francesco Bregoli¹, Wim Uijttewaai², Giulio Calvani³, Dominika Krzeminska⁴, Anne-Grete B. Blankenberg⁴, Michael McClain^{1,2}

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A PROCESS-BASED ECOHYDRAULIC FRAMEWORK FOR VADOSE-ZONE RESPONSES TO SALINITY FORCING INDUCED BY SALTWATER INTRUSION

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COMPARISON OF LIDAR TECHNOLOGIES FOR MONITORING OF STREAM BANK MORPHOLOGY

Elia Stihl, Mark Günter, **Massimiliano Schwarz**

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SYNTHESIS OF LONG-TERM ECOHYDRAULIC OBSERVATIONS UNDER REGULATED AND SPRING-FED FLOW REGIMES IN PERI-URBAN TOKYO

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SPH MODELING OF SALINITY TRANSPORT PHENOMENA IN NAVIGATION LOCKS

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