

SWIM 2027



29th Salt Water Intrusion Meeting

7–11 June 2027

Okinawa Convention Center

Ginowan, Okinawa, Japan

Mutual Learning on Land–Ocean Interaction: Connections Beyond the Dilemma and Boundaries



Coastal fieldwork, east coast of Yoron Island

KEY DATES · TENTATIVE

30 Nov 2026	Registration & abstracts open
31 Jan 2027	Abstract deadline
28 Feb 2027	Acceptance notification
31 Mar 2027	Early Bird deadline
30 Apr 2027	Final registration deadline

swim2027-okinawa.org

PRE-CONFERENCE SEMINAR

2–4 June 2027 (tentative)

University of the Ryukyus
MODFLOW 6 + FloPy with developers
Separate registration required.



Mutual learning across land and ocean

Since 1968, SWIM has brought researchers together to understand salt water intrusion (SWI) and coastal groundwater. In Okinawa, we will learn from insights and methods across disciplines to deepen our understanding of land–ocean interactions, including submarine groundwater discharge (SGD). We will look beyond disciplinary and institutional boundaries to consider how to study and manage natural systems connected by flows of water and materials. By engaging with dilemmas surrounding conservation and use, and with differing perspectives, we aim to strengthen links between research and practice and help address challenges facing water resources and coastal ecosystems.

PROPOSED DISCUSSION AREAS

Blue carbon and coral reef ecosystems: groundwater influences on coastal carbon cycling and reef ecosystems.

Coastal groundwater governance: connecting research with water management and decision-making.

Salinization: groundwater and soil salinization, and the processes linking SWI and SGD.

Models and practice: numerical methods, data integration and emerging modelling tools.

Session themes are being finalised.

PRE-CONFERENCE MODELLING SEMINAR

Learn directly from the developers

2–4 June 2027 (tentative)

University of the Ryukyus

Hands-on MODFLOW 6 and FloPy for coastal aquifer modelling. Build models, work through case studies and discuss the emerging role of AI in groundwater modelling.

Separate registration required.

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