

ICRERA 2025

14th INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY RESEARCH AND APPLICATIONS

Patxi Garcia Novo

Nagasaki University, Japan



Paper ID : 163

Paper Title : Optimization of the spatial distribution of turbines in a tidal energy array for the maximization of its capacity factor

Bio :

Patxi Garcia Novo is an Assistant Professor in the Institute of Integrated Science and Technology at Nagasaki University. He received his Ph.D. from Kyushu University. His doctoral research focused on the analysis and simulation of tidal currents applied to tidal stream energy. His primary research interests include tidal energy resource assessment, optimization of tidal farm layouts, and integration of tidal energy into microgrids for remote communities.