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This certificate is presented to

### NANA KARIADA TRI MARTUTI

**UNIVERSITAS NEGERI SEMARANG** 

in honor of the oral presentation entitled

The Dynamics of Coastline and Mangrove Ecosytems in Coastal Area of Mangkang Kulon Subdistrict, Semarang

at the

INTERNATIONAL CONFERENCE OF MANGROVE AND ITS RELATED ECOSYSTEMS:
ESTABLISHING AND MANAGING MANGROVE DATABASES FOR MAINTAINING
ITS ECOSYSTEM SERVICES AND RESOURCES



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