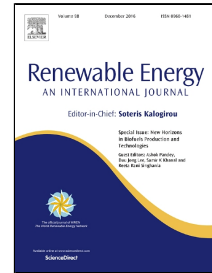


Accepted Manuscript

Developing a Novel Risk-based Methodology for Multi-Criteria Decision Making in Marine Renewable Energy Applications

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PII: S0960-1481(16)30919-3

DOI: [10.1016/j.renene.2016.10.054](https://doi.org/10.1016/j.renene.2016.10.054)

Reference: RENE 8242

To appear in: *Renewable Energy*

Received Date: 03 June 2016

Revised Date: 29 August 2016

Accepted Date: 24 October 2016

Please cite this article as: Mohammad Mahdi Abaei, Ehsan Arzaghi, Rouzbeh Abbassi, Vikram Garaniya, Irene Penesis, Developing a Novel Risk-based Methodology for Multi-Criteria Decision Making in Marine Renewable Energy Applications, *Renewable Energy* (2016), doi: 10.1016/j.renene.2016.10.054

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Research Highlights

- Application of Bayesian network (BN) and influence diagram (ID) to multi-criteria decision making (MCDM)
- Development of a novel methodology for improvement of power generation efficiency in renewable energy applications
- Integration of theoretical influencing parameters and the costs associated with power generation in decision making process for marine renewable energy site selection
- Development of a utility function for representation of wave energy converter (WEC) implementation

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