

Accepted Manuscript

Title: Efficient Fog Prediction with Multi-objective Evolutionary Neural Networks

Author: A.M. Durán-Rosal J.C. Fernández C.
Casanova-Mateo J. Sanz-Justo S. Salcedo-Sanz C.
Hervás-Martínez



PII: S1568-4946(18)30310-7
DOI: <https://doi.org/doi:10.1016/j.asoc.2018.05.035>
Reference: ASOC 4901

To appear in: *Applied Soft Computing*

Received date: 3-10-2017
Revised date: 8-3-2018
Accepted date: 22-5-2018

Please cite this article as: A.M. Durán-Rosal, J.C. Fernández, C. Casanova-Mateo, J. Sanz-Justo, S. Salcedo-Sanz, C. Hervás-Martínez, Efficient Fog Prediction with Multi-objective Evolutionary Neural Networks, *Applied Soft Computing Journal* (2018), <https://doi.org/10.1016/j.asoc.2018.05.035>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- Fog prediction in airports.
- Multi-objective Evolutionary Artificial Neural Networks (MOEANN).
- Nonlinear AutoRegressive network with eXogenous Multidimensional inputs (NARXM).
- Global accuracy and minimum sensitivity optimisation.
- Experimental validation in a real dataset from Valladolid airport.

Accepted Manuscript

Download English Version:

<https://daneshyari.com/en/article/6903384>

Download Persian Version:

<https://daneshyari.com/article/6903384>

[Daneshyari.com](https://daneshyari.com)