Zhenlin Fan

Master Student

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**About Me**

I am a final-year master student in the Department of Computer Science and Technology, Ocean University of China, advised by Prof. Guoqiang Zhong. My research interests lie in machine learning and computer vision. In particular, I focus on semantic segmentation, and apply it to mesoscale eddy detection. I obtained my bachelor degree (2018) in Ocean University of Shanghai

**News**

2020.08: Two papers are accepted by ICONIP.

2020.03: One paper is accepted by IJCNN.

**Selected Publications (by topic) [full list]**

**Mesoscale Eddy Detection Adaptation**

Zhenlin Fan, Guoqiang Zhong, Haitao Li. A Feature Fusion Network for Multi-Modal Mesoscale Eddy Detection. International Conference on Neural Information Processing (ICONIP), 2020.

Zhenlin Fan, Guoqiang Zhong, Hongxu Wei, Haitao Li. EDNet: A Mesoscale Eddy Detection Network with Multi-Modal Data. International Joint Conference on Neural Networks (IJCNN), 2020.

**Ocean Front Detection Adaptation**

Qingyang Li, Zhenlin Fan, Guoqiang Zhong. BEDNet: Bi-Directional Edge Detection Network for Ocean Front Detection. International Conference on Neural Information Processing (ICONIP), 2020.

**Selected Awards**

National Scholarship, Ocean University of China, 2020.