ERNA LAVA OLSEN



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EDUCATION

2013 – 2014 MASTER OF SCIENCE, THE UNIVERSITY OF BERGEN: METEOROLOGY AND OCEANOGRAPHY

Specialized in Physical Oceanography.

Thesis title: Trajectory modelling around Cuba: Evaluation of relative importance of wind, wave and surface currents

Supervised by: Lars Hole and Knut Bartel

Synopsis: This thesis investigates the performance of 2 numerical oil drift models in the area around Cuba. These results are compared with observed surface drifter trajectories. The importance of Stokes drift is also investigated.

2009 – 2011 BACHELOR OF SCIENCE, THE UNIVERSITY OF BERGEN: METEOROLOGY AND OCEANOGRAPHY

RESEARCH INTERESTS

My main interest is the oceanography of Faroese fjords. The fjords are of great importance to the people and the industry, yet little is known about their circulation. I aim to better the understanding of what is happening in the fjords, like the importance of currents, tides and wind, water exchange with the sea outside, bottom water renewal, and internal processes.