PUBLICATIONS

Articles in Refereed Journals: Published or Accepted


Submitted or In Preparation for Submission to Refereed Journals


Refereed International and National Conferences

[22] Huang, W. and E. Gill, Extraction of Sea Surface Wind Direction from Bistatic High-Frequency Radar Doppler Spectra, Oceans’11, IEEE Conference and Exhibition, Hawaii, USA, 2011. (Extended abstract review)


[27] Walsh, J., E. Gill, and W. Huang, A Monostatic Ocean Scattering Cross Section for the Case of Surface Wave Radar Operating from a Floating Barge, Oceans’08, MTS/IEEE Conference and Exhibition, Kobe, Japan, pp. 1-4, 2008. (Extended abstract review)


and Remote Sensing Symposium (IGARSS'06), Denver, Colorado, 2006. (Extended abstract review)


**Radiowave Oceanography Workshop Contributions**

This is a yearly international 4-day workshop of 35 to 40 HF radar experts and users (mainly physicists and engineers) where the latest models and applications of the science and technology associated with the remote sensing of the oceans via HF radar, as well as required research directions, are discussed. While it is not a ‘refereed’ workshop, it is probably the single most important venue for the dissemination of research expertise in this field and input is invited from a small group of experts. Our group at Memorial University is among a minority of participants who are deeply involved with the basic and applied science underlying the technology.


**Other Conference/Workshop Contributions**

(All, but one, of the following were presentations at the local yearly Newfoundland Electrical and Computer Engineering Conference (NECEC) and appear in the Proceedings.)


**In Preparation for Submission to International Conferences:**

[93] Walsh, J., W. Huang, W., and E.W. Gill, Further Analysis of the Second-order High Frequency Radar Ocean Surface Cross Section for an Antenna on a Floating Plat-
form, 2012 (to be submitted to the IEEE Radar Conference, Atlanta, USA)

Other Publications


* The Governor-General’s Gold Medal is a University-wide honour awarded for the highest academic standing in the doctoral program.

** The Dunsiger Award for Thesis Excellence is the highest honour of the Faculty of Engineering and Applied Science awarded for excellence in graduate studies.

THESES SUPERVISED OR CO-SUPERVISED


