



UNIVERSITY OF LEEDS

This is a repository copy of *Errata: Bayesian sea ice detection with the ERS scatterometer and sea ice backscatter model at C-band*.

White Rose Research Online URL for this paper:
<http://eprints.whiterose.ac.uk/154714/>

Version: Accepted Version

Article:

Otosaka, I orcid.org/0000-0001-9740-3735, Rivas, MB and Stoffelen, A (2019) Errata: Bayesian sea ice detection with the ERS scatterometer and sea ice backscatter model at C-band. *IEEE Transactions on Geoscience and Remote Sensing*, 57 (12). p. 10447. ISSN 0196-2892

<https://doi.org/10.1109/TGRS.2019.2928720>

© 2019 IEEE. Personal use of this material is permitted. Permission from IEEE must be obtained for all other uses, in any current or future media, including reprinting/republishing this material for advertising or promotional purposes, creating new collective works, for resale or redistribution to servers or lists, or reuse of any copyrighted component of this work in other works.

Reuse

Items deposited in White Rose Research Online are protected by copyright, with all rights reserved unless indicated otherwise. They may be downloaded and/or printed for private study, or other acts as permitted by national copyright laws. The publisher or other rights holders may allow further reproduction and re-use of the full text version. This is indicated by the licence information on the White Rose Research Online record for the item.

Takedown

If you consider content in White Rose Research Online to be in breach of UK law, please notify us by emailing eprints@whiterose.ac.uk including the URL of the record and the reason for the withdrawal request.



eprints@whiterose.ac.uk
<https://eprints.whiterose.ac.uk/>

Errata

Equation (16) in Section IV titled 'Sea ice backscatter model at C-band' contains a typographical error. It currently reads as:

$$\begin{aligned} \sigma_{\text{ice}}^0(\theta) &= \sigma_{\text{ice}}^0(\theta_0) + \int_{\theta_0}^{\theta} u(\theta') A(\theta') d\theta' \\ u(\theta') &= \exp\left(\int_{\theta_0}^{\theta'} B(\theta'') d\theta''\right) \end{aligned}$$

It should read as:

$$\begin{aligned} \sigma_{\text{ice}}^0(\theta) &= \frac{1}{u(\theta)} \left[\sigma_{\text{ice}}^0(\theta_0) + \int_{\theta_0}^{\theta} u(\theta') A(\theta') d\theta' \right] \\ u(\theta') &= \exp\left(\int_{\theta_0}^{\theta'} B(\theta'') d\theta''\right) \end{aligned}$$