

# The Global High Frequency Radar Network

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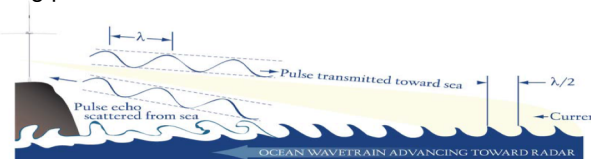
Hourly surface current data is available in real-time from a network of 500 High Frequency (HF) radar stations. Some records span two decades.



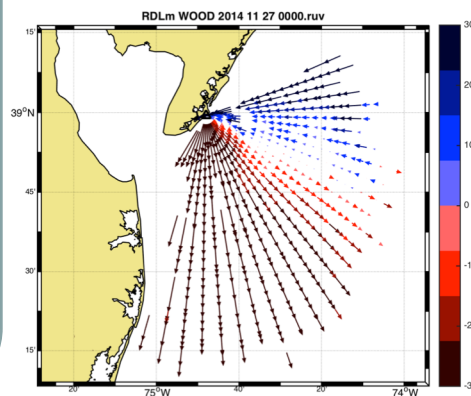
Take a picture of this QR code for a link to the full paper.

SCAN ME

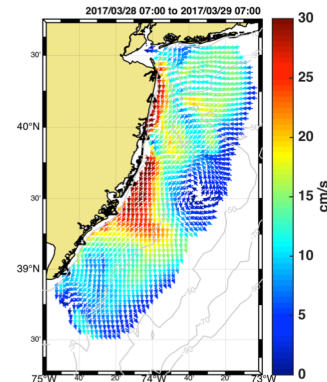
1. Bragg scattering process that allows for ocean current measurements with HF radio signals.



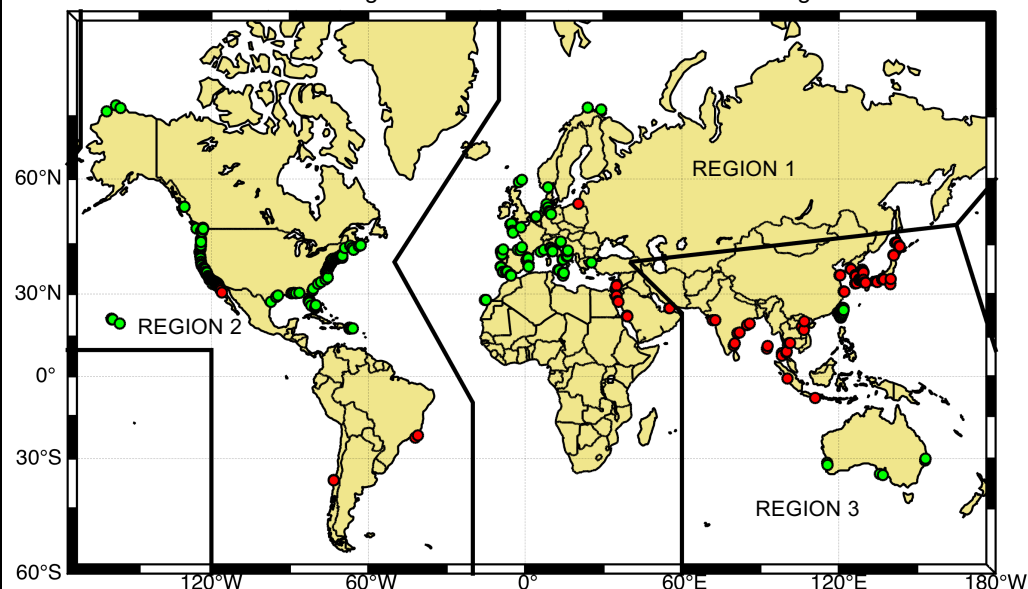
2. Standard measurement from a HF radar is an hourly radial vector map.



3. Radial maps are combined to create total vector surface current maps.



4. Global distribution of HFR stations organized within the three ITU regions. Green dots indicate stations that are sharing their data from ten countries and 17 organizations.



<http://global-hfradar.org>

## REGION 1



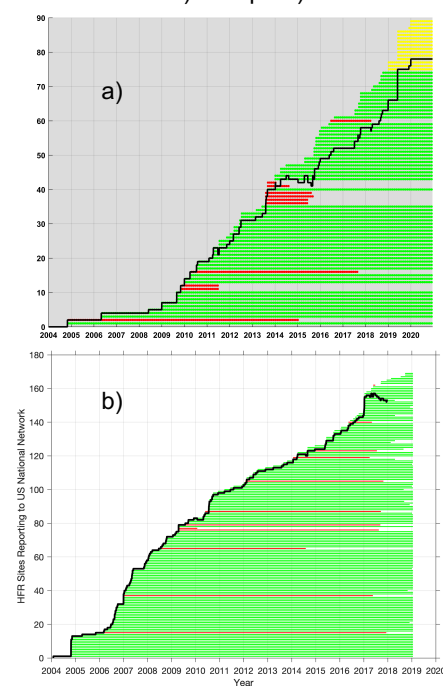
## REGION 2



## REGION 1



5. Growth of HF radar measurements from 2004-2019 in a) Europe b) United States.



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