

### **Ocean waves measurements and analysis (Ramot)**

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Interactions of sea waves with winds and currents, nonlinear wave mechanics, and HF radar measurements.

A special emphasis of the group is on connecting between the field of surface gravity waves to other aspects of geophysical fluid dynamics and on transferring solution methods between the two.

#### **Research Interests:**

- Water waves and their interactions with the sea bottom, currents and winds
- Remote sensing of waves and surface currents
- Geophysical and environmental fluid dynamics
- Analytical methods for solving/simplifying differential equations

#### **Contact for more information:**

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