FALLING
WALLS
LAB

BREAKING THE WALL OF UNDERWATER VISIBILITY

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Auswärtiges Amt

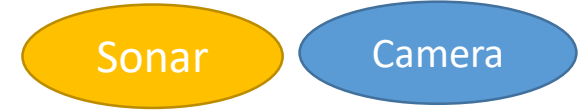**DAAD** Deutscher Akademischer Austauschdienst
German Academic Exchange Service

Sensors

Sonar   Camera

- Long range
- Automatic operational treatments

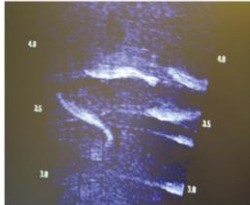- high resolution
- Facilitates interpretation
- Low cost

- Low resolution
- Difficult object identification

- Very short range
- Complexity of automatic exploitation
- Large data and variable qualities

- **Pollution (Microplastics)**
- **Overfishing & Destructive Fishing**
- **Physical properties of water**

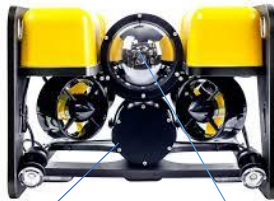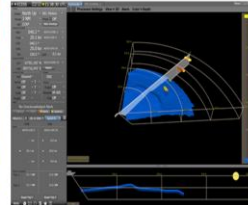# BREAKING THE WALL OF UNDERWATER VISIBILITY

SONAR
Acoustical device based on sounds to detect object underwater

CAMERA
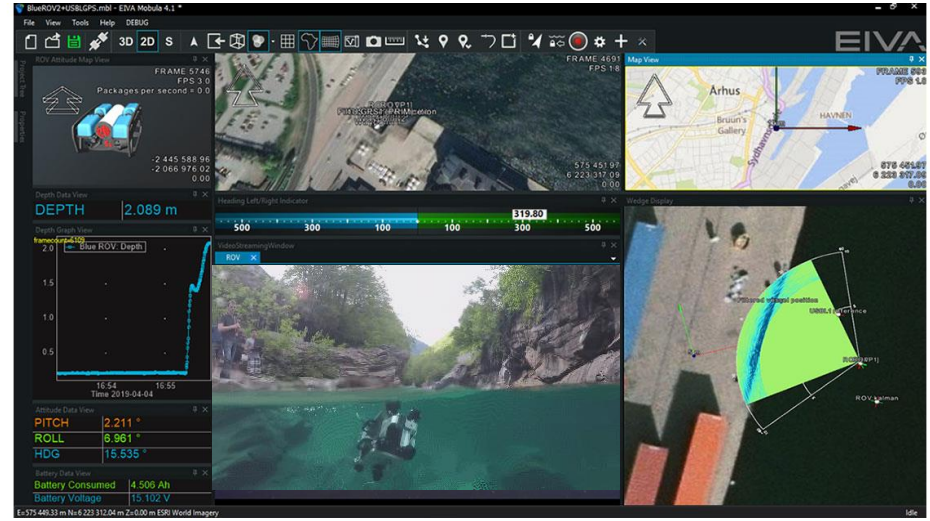Optical device based on light (ordinary images)

LASER
Measure the distance between object and the sensor.

Sonar

Camera + laser

QUESTIONS?