



## Unmanned Underwater Vehicles (UUV)—Advances, Applications & Challenges

Guest Editors:

**Dr. Vassilis S. Kodogiannis**

School of Computer Science and Engineering, University of Westminster, 115 New Cavendish Street, London W1W 6UW, UK

**Prof. John Lygouras**

Electrical and Computer Engineering Department, Democritus University of Thrace, Xanthi, Greece

Deadline for manuscript submissions:

**closed (31 December 2021)**

### Message from the Guest Editors

Dear Colleagues,

Robotics has played a major role in subsea marine science, engineering, and operations since the introduction of Remotely Operated Vehicles (ROV). ROVs, which are tele-operated robotic systems are now the mainstream tool of subsea operations, enabling the performance of many tasks, from construction to inspection, repair and maintenance.

Topics of this special issue will include, but are not limited to:

- Unmanned Underwater Vehicles (ROV, AUV, etc),
- Underwater Sensing, Multi-Modal Sensor Fusion, and Manipulation for UUVs
- Vehicle Guidance, Navigation, Path Planning in UUVs
- Control and Modeling for UUVs
- Cooperative Underwater Vehicle Manipulator Systems
- Networked UUVs
- Intelligence and Autonomy for Underwater Robotic Vehicles
- Machine Learning methods for Underwater Vehicles





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Dipartimento di Ingegneria  
Elettrica e dell'Informazione  
(Department of Electrical and  
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Politecnico di Bari, Via Edoardo  
Orabona n. 4, 70125 Bari, Italy

## Message from the Editor-in-Chief

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*Sensors* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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