

## Marios Xanthidis

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RESEARCH INTERESTS	Motion planning on hyper-redundant systems, autonomous mobile robotics, underwater robotics, localization and mapping.	
EDUCATION	<b>National and Kapodistrian University of Athens</b> , Athens, Greece  B.Sc., Department of Informatics and Telecommunications, July 2015. <ul style="list-style-type: none"><li>• Thesis title: “A Dynamically Efficient Approach for Controlling Hyper-Redundant Arms”. Advisors: Prof. Sergios Theodoridis and Prof. Konstantinos J. Kyriakopoulos</li></ul>	
ACADEMIC EXPERIENCE	<b>Autonomous Field of Robotics Lab</b> , Department of Computer Science & Engineering, University of South Carolina, Columbia, SC, USA. Research Assistant <b>August, 2015 - present</b>  <b>South Carolina Autonomous Robotics Research Lab</b> , Department of Computer Science & Engineering, University of South Carolina, Columbia, SC, USA. Research Assistant <b>September, 2016 - present</b>	
PUBLICATIONS	<b>Accepted Papers in International Conferences</b> A. Q. Li, A. Coskun, S. Doherty, S. Ghasemlou, A. Jagtap, M. Modasshir, S. Rahman, A. Singh, M. Xanthidis, J. OKane, et al. Experimental comparison of open source vision based state estimation algorithms. In <i>International Symposium on Experimental Robotics</i> , 2016a. A. Q. Li, A. Coskun, S. M. Doherty, S. Ghasemlou, A. S. Jagtap, M. Modasshir, S. Rahman, A. Singh, M. Xanthidis, J. M. OKane, et al. On understanding the challenges in vision-based shipwreck mapping. In <i>ICRA 2016 Workshop on Marine Robot Localization and Navigation</i> , 2016b. A. Q. Li, M. Xanthidis, J. M. O’Kane, and I. Rekleitis. Active localization with dynamic obstacles. In <i>Intelligent Robots and Systems (IROS), 2016 IEEE/RSJ International Conference on</i> , pages 1902–1909. IEEE, 2016c. M. Xanthidis, K. J. Kyriakopoulos, and I. Rekleitis. Dynamically efficient kinematics for hyper-redundant manipulators. In <i>Control and Automation (MED), 2016 24th Mediterranean Conference on</i> , pages 207–213. IEEE, 2016a. M. Xanthidis, A. Q. Li, and I. Rekleitis. Shallow coral reef surveying by inexpensive drifters. In <i>OCEANS 2016-Shanghai</i> , pages 1–9. IEEE, 2016b.	
ADMINISTRATIVE AND COLLECTIVE DUTIES	<b>Reviewer.</b> International Conference on Intelligent Robots and Systems (IROS). IEEE, 2017.	