



UNIVERSITY OF LISBON
INTERDISCIPLINARY STUDIES
ON SUSTAINABLE ENVIRONMENT AND SEAS



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University Network for Innovation,
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Unmanned Aerial Vehicles for Environmental Monitoring

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Module contents

1. Introduction to Unmanned Aerial Systems
2. UAVs payload: sensors for environmental monitoring
3. UAVs operation
4. Examples of application of UAVs for environmental monitoring



Module contents

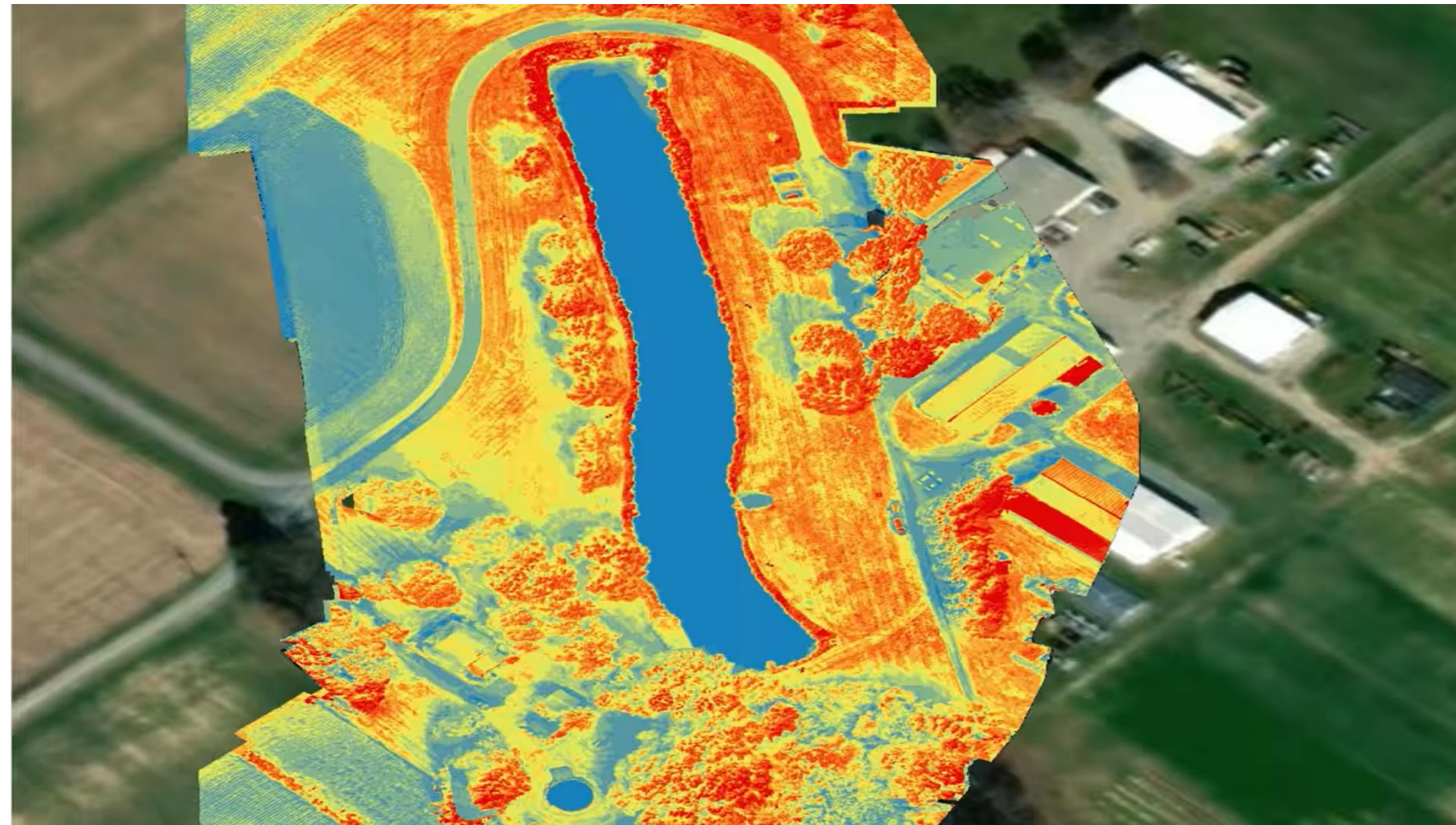
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4. **Examples of application of UAVs for environmental monitoring**





Video “UAV for precision viticulture”

Credits to SpinWorks 2006 YouTube channel



Video “Monitoring Water Quality Using Drones”

Credits to U.S. Department of Agriculture (USDA) YouTube channel



Video “Monitoring Wildlife Using Drones”

Credits to U.S. Department of Agriculture (USDA) YouTube channel



Video “Mapping Zanzibar with low-cost drone”

Credits to World Bank YouTube channel

An underwater scene with a sea turtle swimming towards the left. The water is filled with various types of plastic pollution, including bags, bottles, and debris. The scene is dimly lit, with a blue-green tint.

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