

# Assessing the potential of drones to take water samples and physico-chemical data from open lakes

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## Discussion Forum

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# Discussion Forum

## Drone water sampling

- Would you consider drone water sampling as a sampling methodology in the future?
  - If so, for what purposes would you apply the system
  - If not, why?
- What do you consider to be the major benefits of applying such methodologies in your workplace?
- What would be the major considerations / constraints with applying such a methodology in your workplace?
- Would the methodology replace your current water sampling protocols or would you operate tandem methodologies?

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## Cost effectiveness

- How much would you be willing to invest in this new methodology if it were to be implemented in your workplace?
- Would you consider in-house training of personnel to conduct flight operations or would you tender a contract to external flight operators to conduct the sampling?

## Drone legislation

- What is your knowledge of drone legislation in Ireland?
- Do you know how these legal requirements are applied within the workplace when conducting aquatic / terrestrial surveys using drones as part of your work / research?

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## Health and Safety

- In your workplace, would the drone water sampling method offer a safer working environment?
- Would this reduce the associated insurance and liability costs for your employer?

## Biosecurity

- How would you rate the biosecurity risk of the drone water sampling prototype device?
  - Low, medium or high
  - Why?
- How does this compare to the biosecurity risk associated with the boat?

# Thank you!!

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