

# Acoustic techniques to study fish behaviour: VEMCO acoustic telemetry

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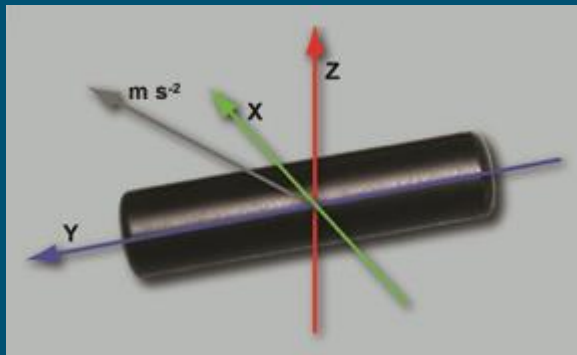
# Acoustic techniques to study fish behaviour

- Tracking individuals by acoustic telemetry VEMCO:
  - VEMCO transmitters & receivers operating at 69 kHz
  - Presence-absence set up
  - Additional parameters
  - 3D tracking set up: response of eel to effluent plume

# Telemetric experimental set-up

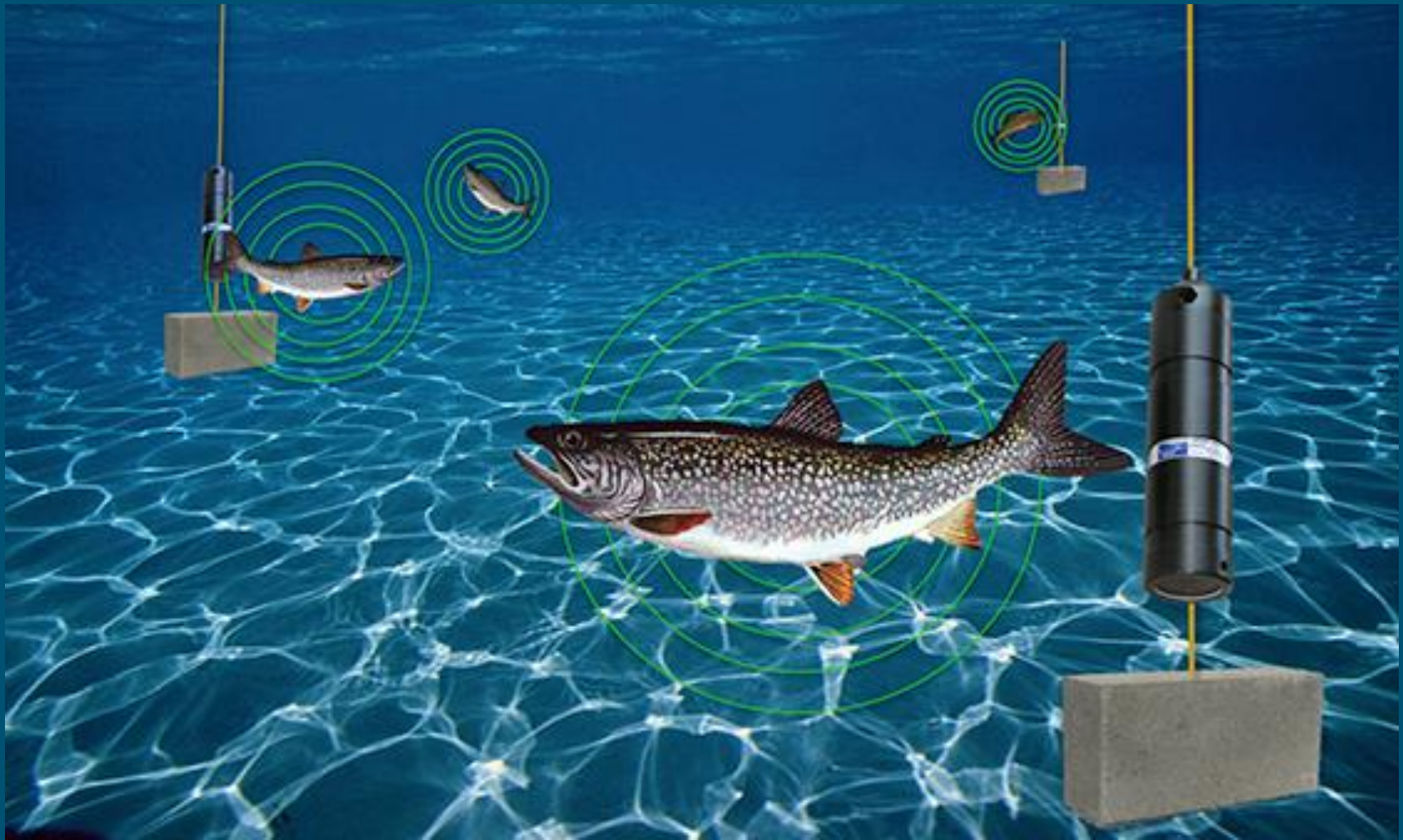


transmitters



receivers

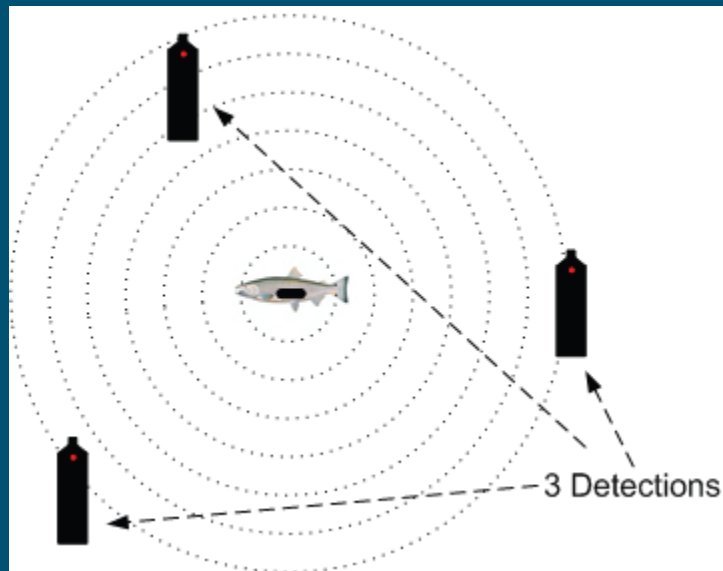
# Telemetric experimental set-up



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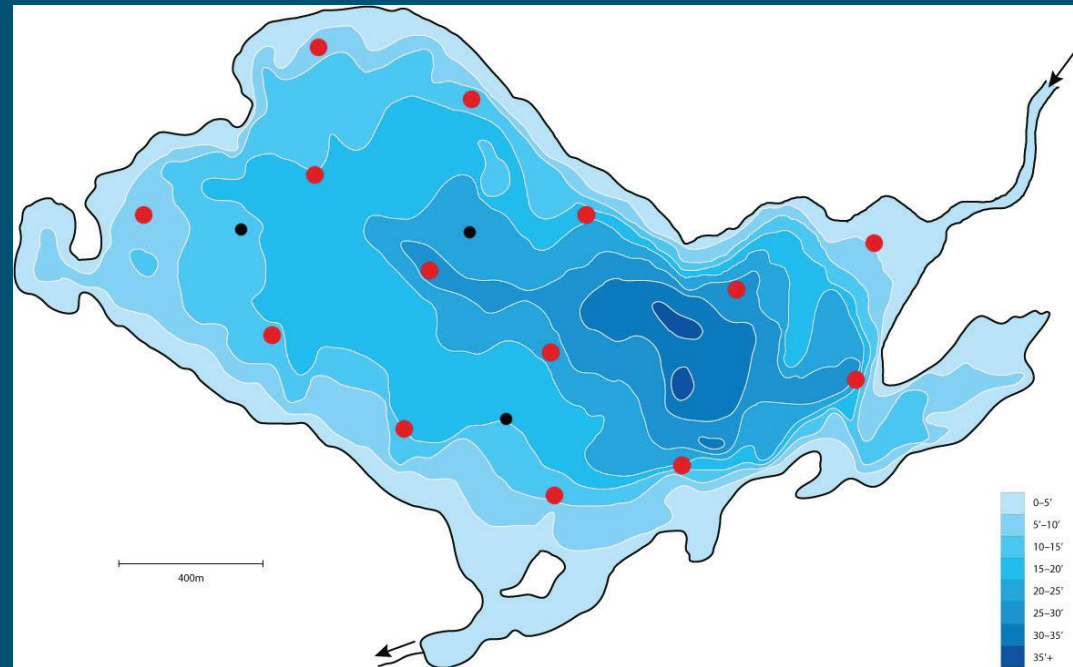
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# 3D acoustic telemetry VEMCO



By triangulation:

Exact time measurement and  
Synchronisation (sync tags)



# 3D acoustic telemetry VEMCO

Study on response of silver eel to effluent plumes



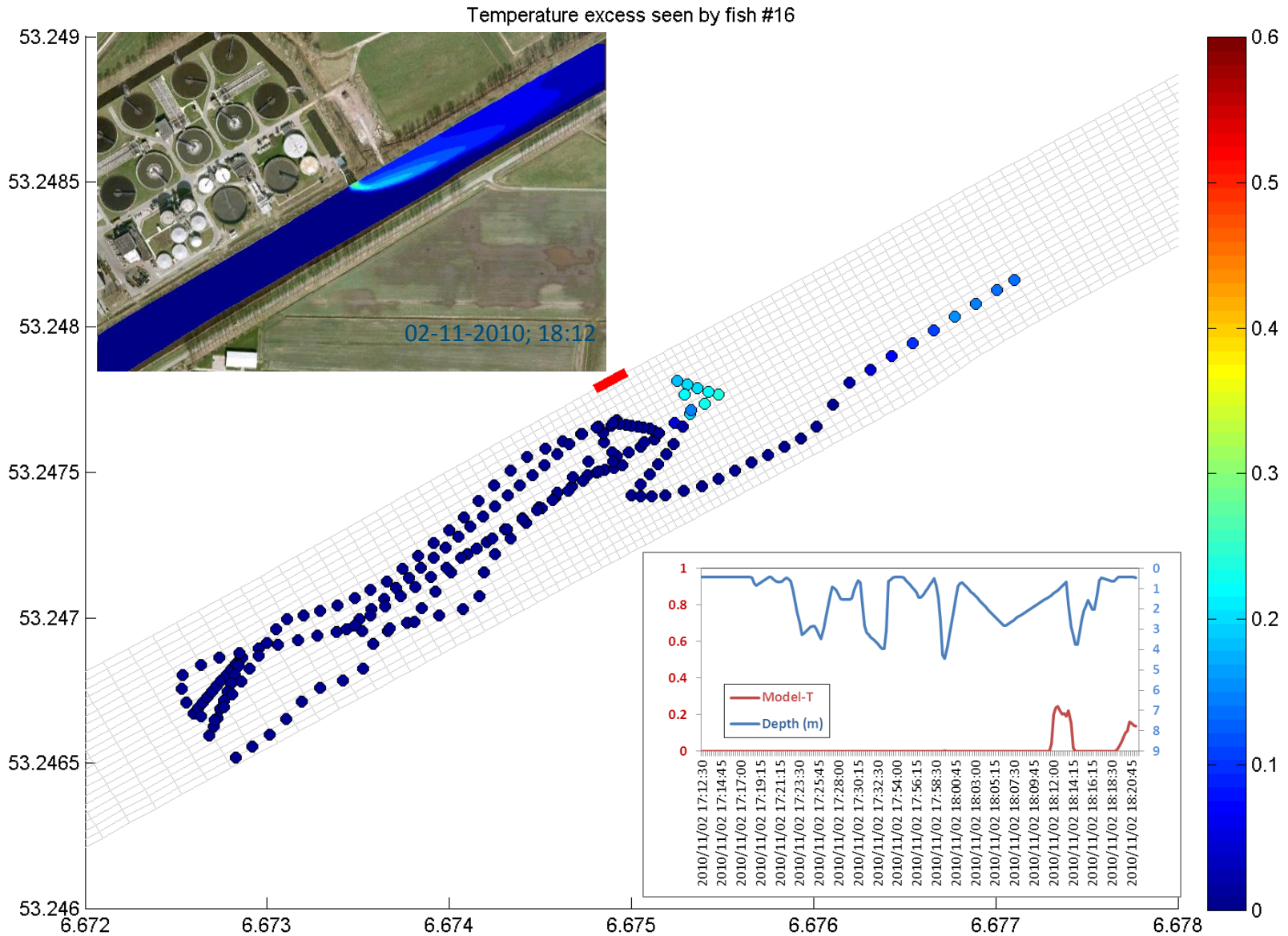
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# VEMCO 3D VPS system

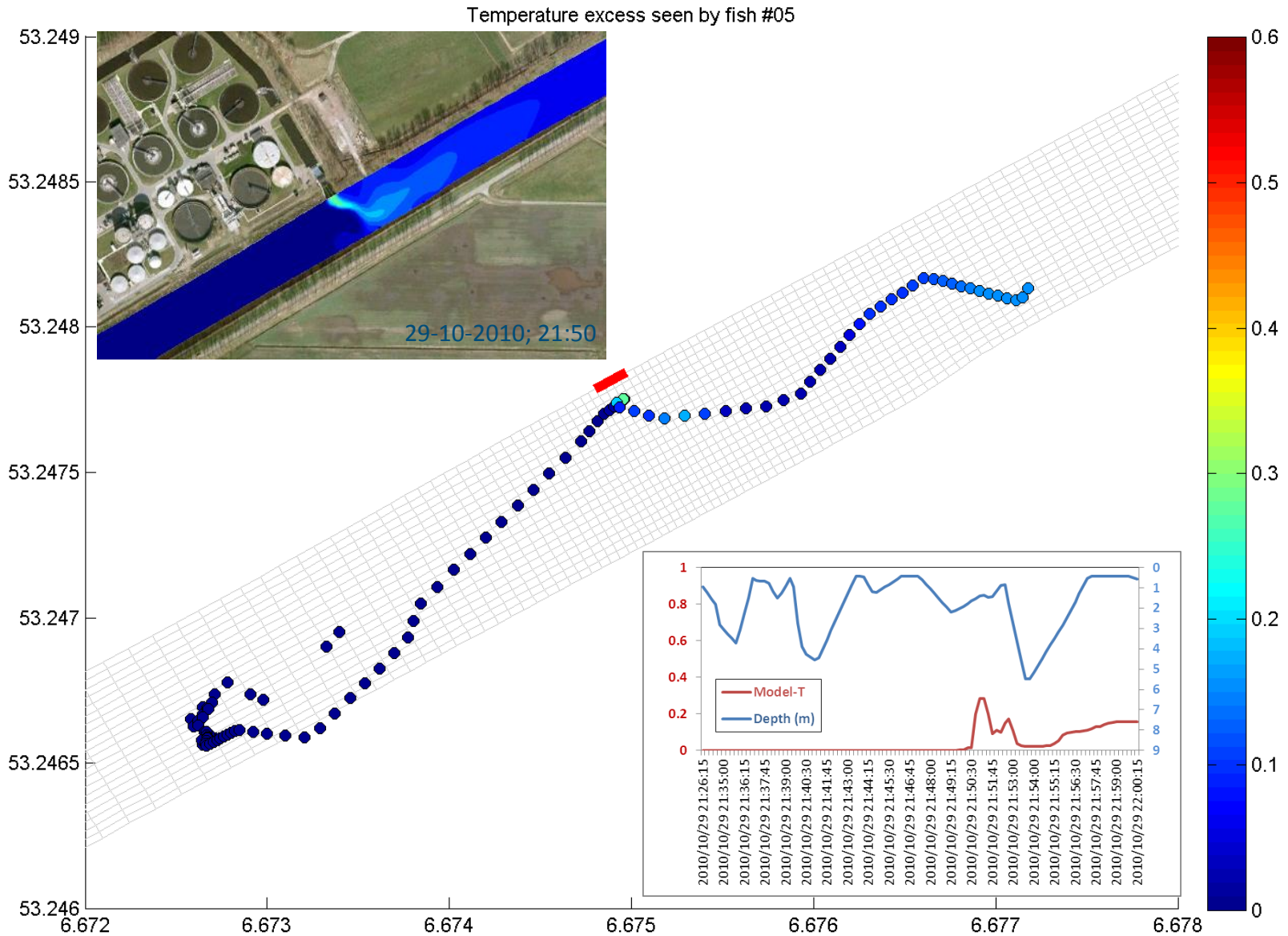


# Example eel track (Eemskanaal)





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