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## **Identifying river habitats on small to medium size temperate streams using multi-spectral imagery; opportunities and limitations**

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This poster will examine the opportunities and limitations of using multi-spectral imagery for mapping instream and riparian meso-habitats in small and medium rivers. It will cover both spectral, scale, classification and data management issues. Examples of appropriate sensors will be given. The use of surrogate variable for habitats where direct observation using remote sensing is not possible will also be explored. In particular the poster will examine the advantages of remote sensing methods over traditional survey in terms of feasibility of collecting high spatial resolution information at the reach and stream network scale. The merit of operational remote sensing of entire stream networks, complementing a more basic field survey programme will be advanced.