SCHOOL OF EARTH SCIENCESAND GEOGRAPHY, KEELE UNIVERSITY, EARTH SURFACE PROCESSES RESEARCH GROUP

## WHAT ARE WE DOING IN THE LOW-TEMPERATURE LABORATORY?

At present we are running a project funded by THE LEVERHULME TRUST.

Dr Debbie Knight is conducting experiments on how turbulent supercooling affects frazil ice formation.



Dr.Debbie Knight



Debris-rich ice created from supercooled water in the laboratory

Identifying the controls on formation of basal ice from supercooled subglacial water beneath temperate glaciers, these experiments complement fieldwork carried out at glaciers draining the Vatnajökull ice cap in Iceland.

For more information follow the "research" link from <a href="http://www.esci.keele.ac.uk/people/staff/pgk/index.htm">http://www.esci.keele.ac.uk/people/staff/pgk/index.htm</a>