

BIOICE: The Ecology of Antarctic Blue Ice



Where did we go?

- Troll Research Station,
- Dronning Maud Land

What did we do in Dec. 2019 - Jan. 2020?

> Measured light penetration trough ice

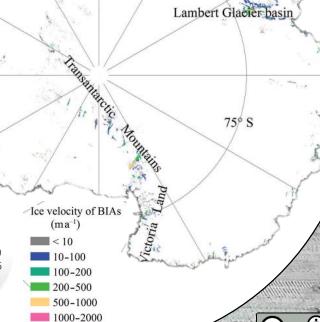
Aga Nowak, Andy Hodson, Stephen Hudson, Elisabeth Isaksson, Arwyn Edwards, Sara Rassner **David Pearce**

Collected several shallow ice cores of the Blue Ice Mapped cryoconite holes

Measured in-situ physical and chemical parameters within the cryoconite holes

> Collected water, ice and sediment samples of various cryoconite holes

Ice velocity of BIAs $(m a^{-1})$ Hui et al 2014 < 10 DOI:10.3189 10-100 /2014AoG66 100-200 A069 200-500 500-1000 1000-2000 > 2000



Dronning Maud Land



