

## Drivers of Arctic sea ice decline in the HadGEM1 model

Ann Keen, Helene Hewitt and Jeff Ridley



In both cases, <u>the ice albedo feedback</u> is important in determining which months have extra melting – highlighting the importance of a physically realistic representation of albedo in models used to make projections of future climate change.

## Met Office Hadley Centre, FitzRoy Road, Exeter, Devon, EX1 3PB United Kingdom Tel: 01392 885680 Fax: 01392 885681 Email: ann.keen@metoffice.gov.uk

 $\bullet$  Combined with other work to compare model budgets with observations (West et al, in preparation), can aid the assessment of model strengths and

weaknesses