

Dr. Jonas Bhend is a post-doctoral researcher currently working on seasonal forecasting as part of the FP7 project EUPORIAS. His research experience includes climate dynamics and variability, regional climate change detection and attribution, climate change projections, regional and global climate modelling, and forecast post-processing and verification. He also has a strong background in software development for analysis and visualization of large climate data sets including ensemble predictions and multi-model projections. Jonas previously worked on the FP6 project CIRCE on climate change in the Mediterranean area and he contributed significantly to producing the latest Australian national climate change projections.

In Heat-Shield, Jonas will contribute to developing the prototype of a pre-operational early warning system. In particular, he intends to contribute to forecast post-processing and the assessment of forecast quality for the pre-operational system.