

## **Environmental Development**

### **Editorial: Framing extreme weather and climate: Anomalous meteorological events (AMEs)**

**John, Juanette**

Council for Scientific and Industrial Research (CSIR)

Meiring Naude Drive, Pretoria, 0184

Email: JJohn@csir.co.za

In May of 2024, a set of researchers, practitioners and officials gathered in Stellenbosch, South Africa to confer on Integrated responses to the intensification of extreme climate and weather events in developing economies. The event, co-sponsored by the Government of South Africa, the Centre for Science & Technology of the Non-Aligned & other Developing Countries, the Scientific Committee on Problems in the Environment (SCOPE) and Stellenbosch University, was attended by over 100 delegates from 11 different countries. As one of the outcomes of this meeting, Environmental Development has produced a series of peer-reviewed research papers emanating from the meeting presentations. Key points that emerged from discussions at the event are noted, followed by the features of this Special Issue. The phrases “Extreme Climate Events” or “Extreme Weather Events” are now common parlance in the field of climate research. However, to address the growing need to understand and manage these phenomena, it is essential to clearly define and specify this terminology, ensuring that we have agreement on how new knowledge in this area is acquired and applied.