The International Surface Temperature Initiative

1. RATIONALE

To deliver climate services for the benefit of society we need to develop and deliver a suite of monitoring products from hourly to century timescales and from location specific to the global mean. Society expects openness and transparency in the process and to have a greater understanding of the certainty regarding how climate has changed.

![Surface Temperature Station](image1)

2. ORGANIZATION

The Initiative is not directly funded. Contributions arise from in-kind efforts from partners and voluntary efforts of participants. There exist several working groups, task teams, and an expert team to carry out the work. Major work strands are:

- Developing improved basic data holdings
- Global benchmarking of homogenization algorithms
- Provision of advice on suitable products to users

![Temperature Anomaly Chart](image2)

3. HOW TO CONTRIBUTE

There are various ways to contribute, which include:

- Submit data holdings
- Undertake novel techniques to homogenization
- Use resulting analyses in applications

![Temperature Series](image3)

Station series from Reno, Nevada. Black is original and blue is homogenized.