



A new book, **Micrometeorological Measurements – An Introduction for Beginners**, is scheduled for publication on 25 December 2025, offering a much-needed, accessible guide for those organizing environmental measurements with little or no prior training in meteorology or instrumentation.

The book opens with a call to reflect on the purpose of measurement—whether to monitor conditions at a location, observe environmental changes, or quantify the effects of specific processes. From this point, readers are led through a structured journey: from understanding the physical basis of atmosphere–biosphere interactions, to sensor selection, siting, data acquisition, and finally, data quality control and gap-filling.

Written with clarity and grounded in field experience, the book’s three chapters are designed to:

- Explain essential physical processes and their impact on measurements;
- Improve representativeness through thoughtful sensor selection and setup;
- Guide readers through instrument characteristics and the practicalities of data collection for various meteorological elements.

“This book is more than just a technical manual—it’s a mentor in written form,” said the authors. “It equips readers to make informed decisions, avoid common pitfalls, and ensure data quality, even in the most challenging field conditions.”

The publication was made possible thanks to the collaborative environment and voluntary contributions of experts involved in the FAIRNESS COST Action. COST also provided financial support for its publication, reinforcing its commitment to open knowledge exchange and capacity building across Europe.

The book will be available open-access at: <https://www.fairness-ca20108.eu/>