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The International Ocean Carbon Coordination Project Recommended Practices for pCO₂ Data Exchange and Integration

Developed at the Ocean Surface pCO₂, Data Integration
and Database Development Workshop, January 14-17,
2004 Tsukuba, Japan

<http://ioc.unesco.org/ioccp/Tsukuba2004Results.htm>

Data Integration Goals

The goal is to estimate basin scale annual air-sea flux of CO₂ to better than ± 0.2 Pg Carbon. Required data sets include seasonal to inter-annual basin-scale syntheses; 10 year global scale syntheses.

Data Release / Data Center Networking

Data sets (providing the IOCCP-recommended information) should be sent to CDIAC World Data Center for Atmospheric Trace Gases (either directly or via other World, National or project data centers) no later than 2 years after the end of the cruise.

Data Citations and Acknowledgements

When data are submitted to the data center, the contributor should provide information on how the data set is to be cited or acknowledged in publications using the data. For data submitted < 2 years before end of program, CDIAC will limit access to the data until the contributor has been contacted. As a courtesy to the original data contributors, it should become common practice for individuals who prepare scientific products based (even in part) on a particular dataset to inform the contact person for that dataset of this use of the dataset.

Data Integration and Synthesis Activities

Data integration and synthesis activities (such as developing basin-scale and global data sets) in the next few years should be coordinated and carried out as part of SOLAS Focus 3 (especially 3.1), with integration organized around regional groups. Integration will also cover coastal areas.