

The Integrated Climate Data Center at the Center for Earth System Research and Sustainability (CEN), University of Hamburg

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Our Vision

- Provide easy-to-access easy-to-use climate relevant Earth observation and socio-economic data sets
- Provide scientific user support and consultation about data set usage
- Assess and improve quality of Earth observation data sets
- Ease synergistic usage of data sets from natural sciences and data sets from socio-economic sciences
- Publish data products generated at the University of Hamburg, specifically within ClISAP & CEN
- Ensure long-term data storage

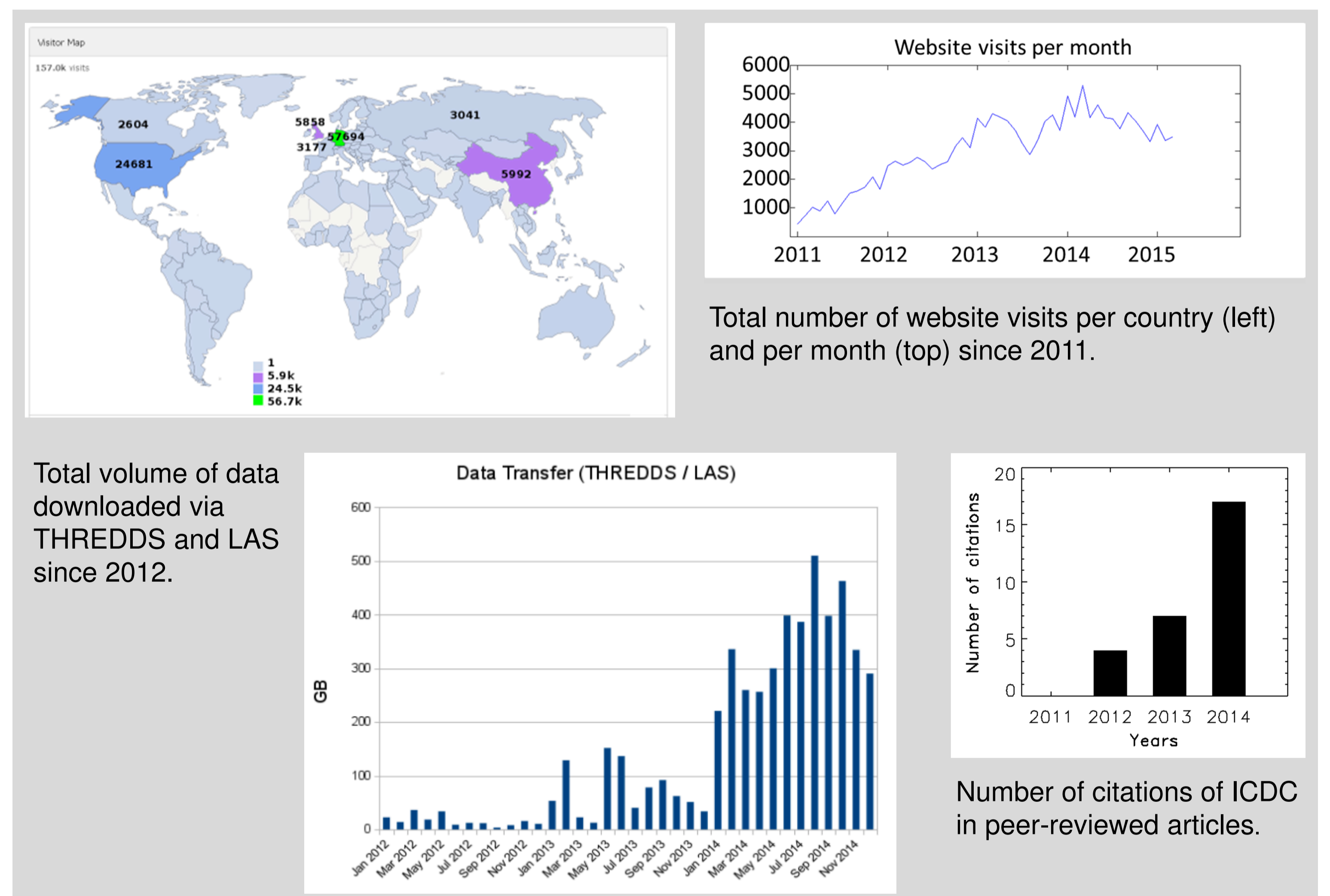
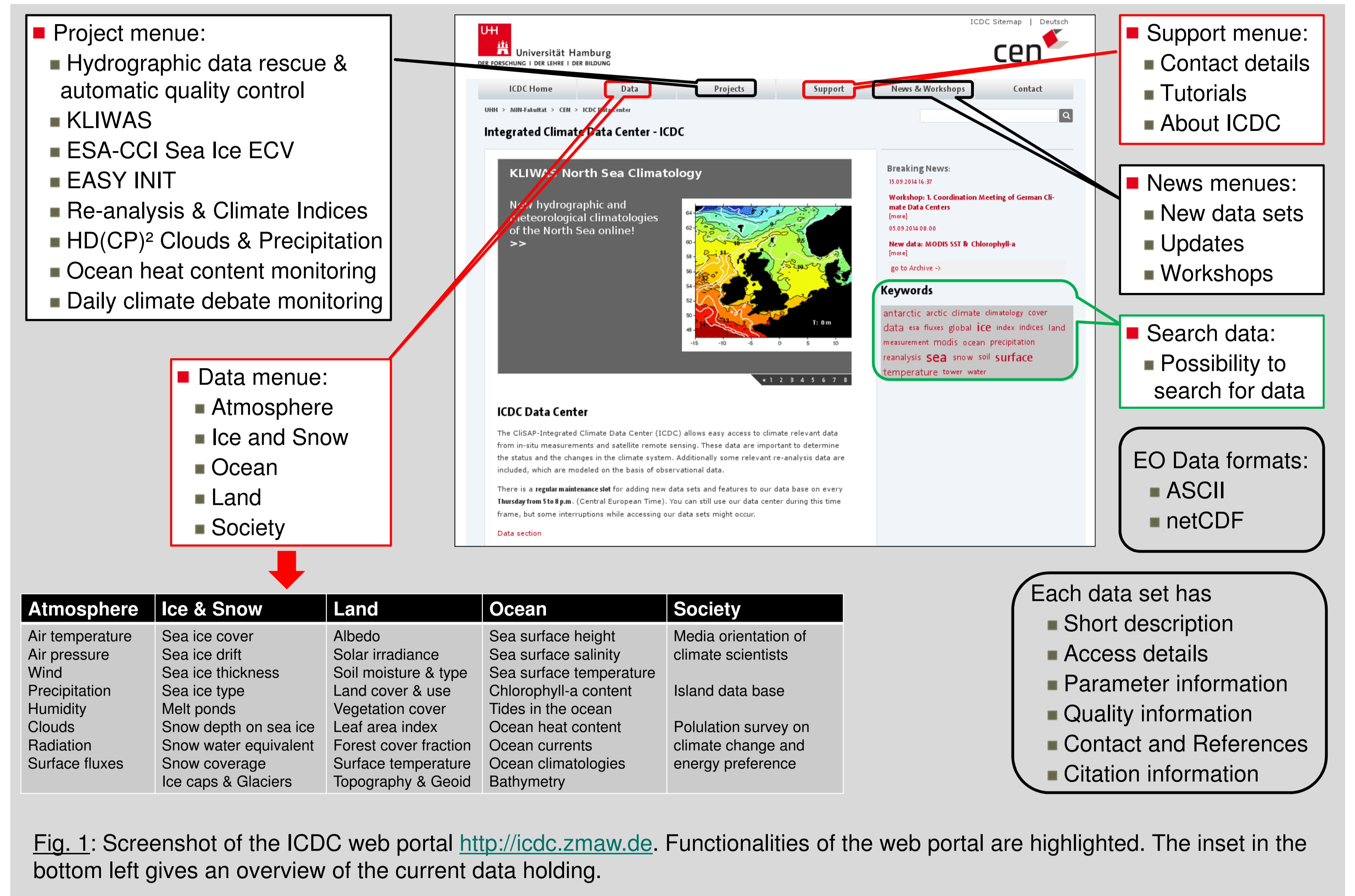
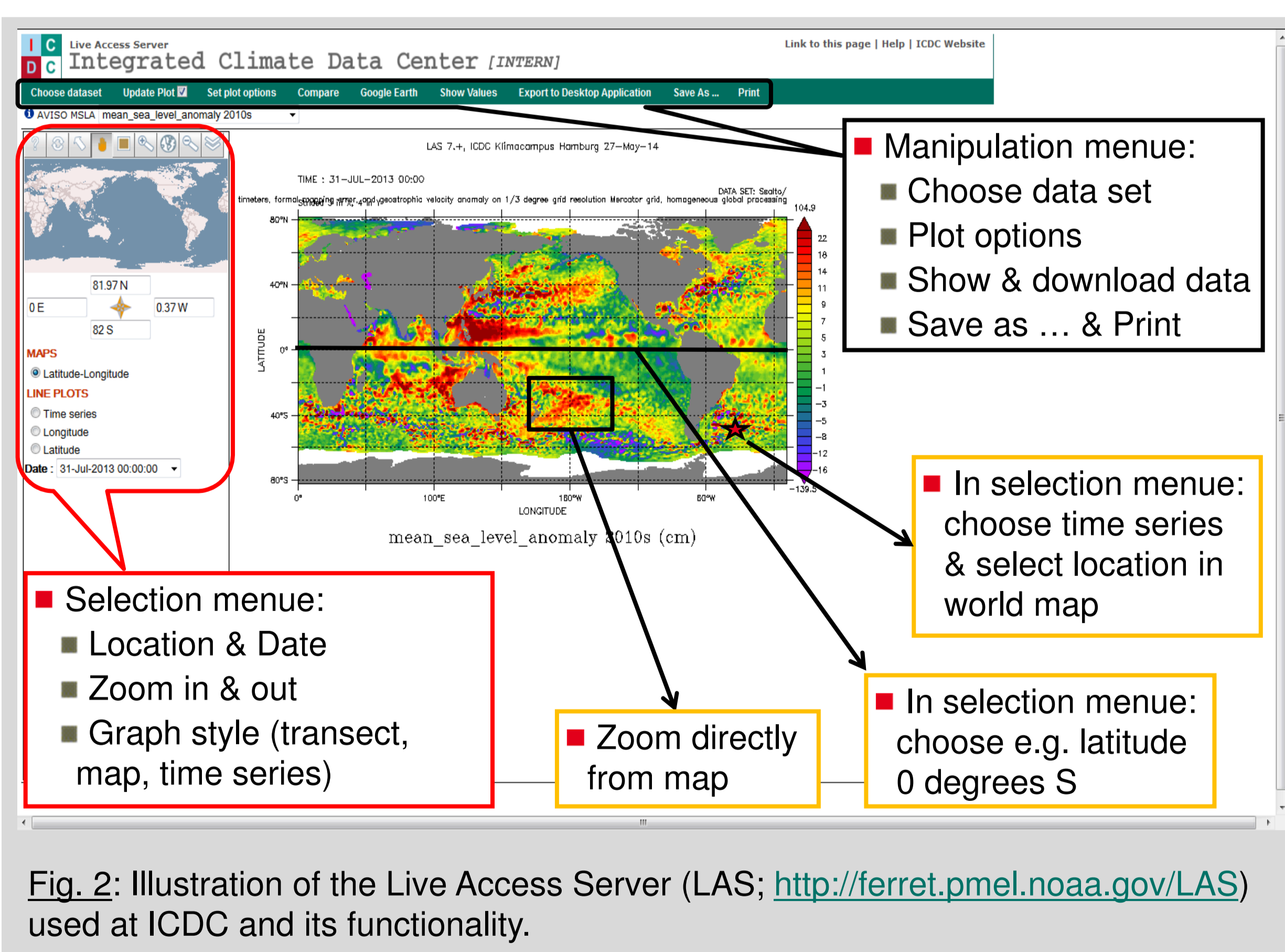
Integrated Climate Data Center (ICDC, <http://icdc.zmaw.de>)

Key elements of ICDC

- Web portal for data information & access (Fig. 1)
- Live Access Server (LAS) for data set visualization and a first data analysis (Fig. 2)
- 4 scientists for expert support
- Twin server architecture and various ways to access and view data: ftp, http, OPeNDAP, LAS, GeoServer

Key activities of ICDC

- Provision of easy access to a suite of EO data
- Scientific user support & consultation
- Data quality control
- Data quality and ease-of-usage enhancement
- Creation of selected new data sets
- Generalization of data to standard formats
- Development of data quality control procedures



The Integrated Climate Data Center ICDC

- Provides unique user support as part of a national and international strategy to EO data
- Is active in science driven compilation of interdisciplinary data sets
- Is active in tailored participation in international quality control and reanalysis efforts
- Is interface to climate (modeling) community, thereby defining needs in pilot settings
- Is data portal for national data centers, beta-tester of their data through science driven quality control procedures.