



Center for Satellite Based Crisis Information
– Emergency Mapping & Disaster Monitoring –
a service of DFD

Acronym: ZKI

Full Name: Center for Satellite Based Crisis Information

Website: http://www.zki.caf.dlr.de/intro_en.html

Established: n/a

Location: Wessling

Areas of expertise: Processing and analysis of satellite data

Main Partners and Collaborations: European Union's global monitoring for environment and security initiative (GMES), European Space Agency (ESA)

Short Description:

The "Center for Satellite Based Crisis Information" (ZKI) is a service of DLR's German Remote Sensing Data Center (DFD). Its function is the rapid acquisition, processing and analysis of satellite data and the provision of satellite-based information products on natural and environmental disasters, for humanitarian relief activities, as well as in the context of civil security. The analyses are tailored to meet the specific requirements of national and international political bodies as well as humanitarian relief organizations. The experience of the past few years shows expanding demands for comprehensive, near-real-time, earth observation data covering wide areas, for a broad spectrum of civilian crisis situations. Beside response and assessment activities, ZKI focuses on deriving geoinformation for use in medium term rehabilitation, reconstruction and crisis prevention activities. ZKI operates in national, European and international contexts, closely networking with German public authorities at national and state levels (crisis centers, civil security, environmental protection), nongovernmental organizations (humanitarian relief), satellite operators and space agencies.

Main activities:

Combining existing DLR technical and scientific resources and expertise for effective and coordinated crisis management, particularly with the Remote Sensing Technology Institute,
Developing and establishing methods to generate customized information products and services for disaster management, humanitarian relief and civil security,
Designing appropriate information technologies and infrastructure,
Providing advice on establishing crisis information centers,
Developing and setting up distributed European and international networks for satellite-based civil crisis information.

Contact:

German Remote Sensing Data Center (DFD),
DLR Oberpfaffenhofen, Münchner Straße 20

Postfach 11 16, 82234, Wessling

Prof. Dr. Stefan Dech, Director

Tel. +49-(0)8153-28-2885

stefan.dech@dlr.de