GNSS in Uzbekistan

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Bessel ellipsoid
1967-1940
Russia, Uzbekistan

Krasovsky ellipsoid
1942-20??
Russia, Uzbekistan

Uzbekistan

WGS 84
SK-95
PZ-90

1897

Tashkent
Coordinate system

CS32

SK42

sk63
Local
cadaster

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What is reference system for our region

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- State committee for architecture and construction
- State committee for geodesy, cartography and cadaster
- Ministry of High Education
- GNSS
- Academy of Sciences
State committee for geodesy, cartography and cadaster

- National center of geodesy and cartography
- Surveying agency
- Mapping agency
- Mapping store
- GIS and Cadaster department
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GNSS in Uzbekistan

- Transportation
- State architecture agency
- Agriculture agency
- Geology agency
- Academy of Sciences
- Hydrology agency
- Education
- Military

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The 4th EUPOS® Council and Technical Meeting, 21-22 November 2017, Bratislava, SLOVAKIA
Central Asian Tectonic Science network (CATS), GFZ, Potsdam, Germany (1992-1996)

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CATs(GFZ,Germany)
RMS = ±1-3mm. for x, y
RMS = ±5mm. for H.
RMS = ±1-2cm. for Global network
GNSS education

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International connections (training) “Tempus”, “Erasmus”

West University of Hungary

Vrije, NL, Amsterdam

Salzburg of University, Austria

National University of Uzbekistan
Geodesy and Cartography department

Zurich University Switzerland

KTH, Sweden

Greenwich University. London, England

Spain

Dehradun, India

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IN THE FUTURE

1. Training of specialists for work on Bernesse programs,
2. to use some GNSS stations for IGS, and
3. to work out national ellipsoid for Uzbekistan.
Thank you for your attention!

The author thanks Dr. Droscak Branislav for the invitation, accommodation and for Slovakia Visa.