LAND MANAGEMENT IN GERMANY

The new challenge to geodetic teaching, research and practice

From

Land administration (cadastre and Grundbuch) as well as urban and rural land readjustment (according to Building Code or Land Consolidation Act)

implementation of pre-determined or individually developed goals and plans

via

local and regional land development incl. land administration and land readjustment

development of one`s own goals and plans for settlement and landscape with strong implementation (arrangement, construction)

to

Land Management

"quadrophony of consulting, planning, arrangement and construction" with and without formal implementation of procedure under Building Code or Land Consolidation Act etc.

sphere of activities in urban und rural land management

- **Consultancy (e.g. for local/regional development or Agenda 21 etc.)**
- **(Land) Resource Managing**
- **Property Managing**
- **Construction (Infrastructure, Facility) Managing**

classical and new fundamentals, methods and models in the field of geodesy and geoinformation

such as mathematics, cadastral and engineering measuring, GPS, GIS, geospatial data management, photogrammetry, remote sensing, cartography, readjustment, computer and programming skills etc.

fundamentals, methods and models from other fields

such as (planning, administrative, property, building etc.) law, planning and decision theories, valuation, land markets, (real estate) economy, sustainable land use, urban and rural development, project management, participation, political and social system theory, "soft skills", various expertise on settlement, landscape and road planning, road construction, water management or agriculture and forestry etc.

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