

Transforming the Energy System in Germany – About the Role of the Surveyor in Dealing with Climate Change

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Key words: Engineering survey; Geoinformation/GI; Land management; Photogrammetry; Real estate development; Risk management; Spatial planning; Young surveyor;

SUMMARY

Climate change is happening now, worldwide and in Germany, too: temperatures are rising, rainfall intensity is increasing, glaciers and snow are melting, and the global mean sea level is rising. Experts expect that these changes will continue, and that extreme weather events resulting in hazards such as floods and heat waves will become more frequent and intense. In view of this, the article describes existing knowledge on climate change in Germany and explains the Federal Government's current energy policy. Afterwards, the author identifies a wide range of climate change mitigation and adaptation strategies in which the surveyor is involved. The surveyor can play a significant role, establishing, quantifying, and managing climate change. With his specialized skills he can substantially contribute to helping mitigate and adapt climate change and to reduce climate-related risk. Requirements are not only engineering know-how but also the surveyors' variety of skills and knowledge in land management and development, building and land law, real estate and business administration as well as social competence.