

# Sustainability In Civil Engineering - Jan Seidel

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The term sustainability is deemed to be a model for sustainable development for the humanity. Especially the Agenda 21 is setting on sustainability for solutions of environmental problems in present and future cases. To counteract an advancing degradation of the situation of people on the globe the Agenda 21 was created at a worldwide environmental conference in Rio de Janeiro, Brazil in 1992. Many years of intensive spadework had to be done before all the different countries agreed on it. But does everyone in the world have the same ideas of sustainability and what is sustainable development all about? This work will show the different aspects of sustainability especially for civil engineering as it is demonstrated in the literature but also a personal view on the theme. After a definition of sustainability the models of sustainable development are demonstrated to have a base of knowledge. You will see that sustainability is measurable and that there are aims to be aspired for a single human being as well as the whole population of our planet. Sustainability in civil engineering includes many different aspects like energy systems and technologies, building service engineering or management of resources. A precise assessment of existing or new buildings must be done and this work will give some examples of executed buildings and developed techniques. Author: Seidel, Jan Publisher: GRIN Verlag Illustration: N Language: ENG Title: Sustainability in Civil Engineering Pages: 00031 (Encrypted PDF) On Sale: 2007-01-01 SKU-13/ISBN: 9783638804226 Category: Science : General Category: Technology & Engineering : Construction - General

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