

201500097

Planning and Process Management**Cursus informatie**

Cursus	201500097	Aanvangsblok	1A
Studiepunten (ECTS)	7,5	Aanmeldingsprocedure	Zelf aanmelden via OSIRIS Student
Cursustype	Cursus	Inschrijven via OSIRIS	Ja
Voertaal	Engels		
Contactpersoon	prof.dr.ing. K.T. Geurs		
E-mail	k.t.geurs@utwente.nl		
Docenten			
Docent	dr. M. van Buiten		
Docent	prof.dr.ing. K.T. Geurs		

Leerdoelen

By the end of this part of the course, the student should be able to:

1. to review and discuss the strengths, limitations and weaknesses of state of the practice transport policy and transport planning frameworks
2. To develop and evaluate a local or regional transport policy plan following the policy cycle framework
3. Describe and explain the basic principles of process management.
4. Analyze, develop, and apply strategies, tools and arrangements that are part of the process management approach.
5. Identify, explain, and assess major planning approaches underlying process management.

Inhoud

This course focuses on (transport) infrastructure planning and process management of transport infrastructure projects and area developments. Current developments in cities realities force authorities to plan, manage and monitor their transport and infrastructure systems more accurately, for example to take into account the requirements of a growing number of complex and sometimes conflicting interests like congestion relief, pollution reduction, efficient resource use, equity and accessibility.

This course has two main parts: strategic transport planning and process management. The first part provides an overview of the role, contents and implications of strategic transport planning. The course follows the elements of the policy cycle. The transport policy cycle represents an iterative process with many actors going through the stages of Problem recognition, Formulation of policy objectives, Appraisal of policy options, Implementation, Monitoring and Evaluation. We discuss why the theory of the policy cycle is not or only partly implemented in practice. In this part, students review and discuss the strengths, limitations and weaknesses of state of the practice strategic transport planning frameworks.

The second part, process management, focuses on the governance of intricate problems in urban planning and area development. It typically revolves around large-scale infrastructure projects, e.g. airports, rail links, or ports. Such projects require the collaboration of many actors within a complex and dynamic environment. The environment includes various social, political and physical factors, and actors related to a project, such as decision makers, regulators, risk taking participants and stakeholders. These actors each have different interests, resources and attitudes towards a project. Each influences and is affected by a project in different ways and to different degrees. This part of the course aims at providing students with basic concepts, skills, and insights needed to understand the nature of interaction between actors regarding the initiation and development of complex large-scale construction projects.

Assignments

The students will conduct two assignments in the course:

1. A group assignment (2 students) in which a provincial/regional or local transport policy document is reviewed and discussed, and an alternative policy strategy is formulated for a specific transport planning issue (40% weight).
2. An individual assignment that takes the form of a take-home exam. The exam covers the course material on process management and includes a case assignment (60% weight).

Voorkennis

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DEELNEMENDE OPLEIDING

M-CEM

Verplicht materiaal

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Aanbevolen materiaal

Boek
De Bruijn, H. & Ten Heuvelhof, E. (2008). Management in Networks: On multi actor decision-making. London: Routledge. ISBN13 nr: 9780415462495

Werkvormen

Excursie

Hoorcollege (Verplicht)

Presentatie(s) (Verplicht)

Responsiecollege (Verplicht)

Werkcollege

Toetsen

Opdracht