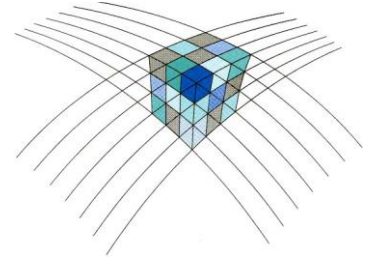


NCG



Netherlands Center for Geodesy and Geo-informatics

Abstract submission for the NCG Symposium 2020

Abstract submission deadline: **24 August 2020**

Please submit your abstract EasyChair

<https://easychair.org/conferences/?conf=ncg2020>

Name: Jaap-Willem Sjoukema

Affiliation: Wageningen University

E-mail: jaap-willem.sjoukema@kadaster.nl

Presentation title: Governance Interactions of Spatial Data Infrastructures: An agent-based modelling approach

Demo: **yes/no**

Abstract (~100 words and optionally 1-2 figures):

In order to facilitate and coordinate spatial data sharing and exchange, many organisations have developed spatial data infrastructures (SDIs). SDI governance plays a pivotal role in the development and evolution of an SDI, but as SDIs are complex adaptive systems, governing is a challenge. This research therefore proposes a complexity perspective to SDI governance by exploring the use of an agent-based modelling approach to simulate SDI governance interactions. This presentation shows how agent-based modelling can aid as a tool to stimulate learning and discussion on SDI governance interactions.