

Constitution of the Asset Dynamics Special Interest Group (AD SIG) of the System Dynamics Society, Inc.

Version 2, dd. 30/09/2016

Constitution of the *Asset Dynamics Dynamics Special Interest Group* of the System Dynamics Society, Inc. (AD SIG), a Special Interest Group of the *System Dynamics Society, Inc.* (the Society).

1. Nature of the SIG

The AD SIG will focus on understanding the application of system dynamics in the area of asset management (i.e. life cycle management of physical assets), with four long-term goals in mind:

1. The development of an asset dynamics reference model, which content and scope will grow during time due to contributions of members of the AD SIG. This reference model can serve as a common/shared knowledge base.
2. The development of a library of submodels (modules) addressing specific issues and phenomena within asset management. Modularization will be a focus point here i.e. the asset dynamics reference model with modules as building blocks.
3. The development of an asset dynamics knowledge database in airtable which can be accessed by the members of the AD SIG a.o. to store AD SIG relevant knowledge about persons, organisations, papers, literature and events.
4. To interactively share knowledge between AD SIG members by means of virtual and real-life meetings i.e. webinars and ISDC meetings.

2. AD SIG <-> Society interaction

We anticipate cooperation with the Business SIG, because different aspects of asset management are related to the business of companies/organizations. This cooperation, e.g. in co-organizing webinars, is already highlighted with Kim Warren during the Business SIG meeting on the ISDC Delft, 2016.

3. Recognition

The SIG leaders will act as representatives of the AD SIG to the Society.

The leaders will annually report the activities, (intermediate) results, finances (if applicable) of the AD SIG to the Society. The report will include the names of the leaders of the AD SIG, and all publications of the AD SIG of that year, as well as a complete membership list will be attached to the report.

4. Membership

At this moment 17 persons want to become member of this AD SIG (based on the kickoff meeting on July 20 and the workshop on July 21 during the ISDC 2016 in Delft).

- 2 AD SIG leaders, both member of the Society
- 9 members of the Society
- 6 non-Society members (people involved in applying system dynamic models in their working environment, work processes)

AD SIG leaders: (Society members)

Arjen Ros

Michel Kuijer

AD SIG members (Society members)

Henk Akkermans

Quan Zhu

Bradd Libby

Guido Veldhuis

Christian Karl

Daniel Jandt

Bernard Tembo

Yola Riana Efferdi

` Bramka Arga Jafino

AD SIG members (non-Society members)

Marcel Visser

Kasper Kisjes

Mark de Bel

Sien Kok

John Weebers

Michiel Weebers

Any Society member in good standing of the Society and any other interested individual sharing the objectives outlined above may join the AD SIG. Although SIG membership is not restricted to members of the Society, membership of the Society is encouraged.

5. Meetings and selection of representatives

The AD SIG will hold a minimum of one meeting per year. This meeting may be held during, with, but not interfering with, the international conference of the System Dynamics Society. Progress of the SIG, reflection on the long-term goals and and election of leaders will be dealt with in this meeting. The leaders will be elected by a majority vote. The elections will be held annually at a SIG meeting open to all members. All members in good standing and present at the meeting are allowed to vote.

6. Dues

The AD SIG will not charge any dues. The work of the AD SIG will be done by volunteers. The AD SIG may occasionally engage in activities that require payment, and only those members choosing to pay will be eligible to participate in those activities.

7. Sponsorship of activities

The AD SIG may request the Society recognition of and/or co-sponsorship of specially organized major programs. The review of the request and response to the AD SIG will be the responsibility of the Society Executive Director and Executive Committee, who may choose to bring the request before the Society Policy Council.

8. Policies and activities

List of planned first activities

- If accepted by the Society's Council communicate founding of the Ad SIG to the members
- Create a communication platform for the AD SIG members (e.g. LinkedIn group, Sharepoint/Dropbox for filesharing)
- Modularizing the AD reference model
- Create the asset dynamics knowledge database in airtable, communicate this to the AD SIG members and gather input from the members to enrich this shared source of information.
- Organize a webinar