GMA Research Support

Morphologics & Swedish Morphological Society
www.morphologics.se / www.swemorph.com

The Swedish Morphological Society, in association with Morphologics, provides morphological modelling "at-a-distance" for financed academic research programs and government sponsored projects. If your research work would benefit from the development of one or more morphological models, we can facilitate this via e-mail at a much reduced price.

Please note the following:

- This *reduced-price research support* is **not** intended for commercial organisations or corporate employees.
- We do not act as subject matter advisors or but only facilitate *method* as concerns the use of general morphological modeling.

<u>**How it works**</u>

Prerequisites:
We require that you understand the basic principles of General Morphological Analysis (GMA). For this we recommend that you read one of more of the following articles available at the designated URLs:

* Morphological Analysis - A general method for non-quantified modelling
http://www.swemorph.com/ma.html

* Problem Structuring using Computer-Aided Morphological Analysis
http://www.swemorph.com/pdf/psm-gma.pdf

Step 1:
Send us a **short** description of your study/research program. Tell us how many parameters (variables) you think that you will need to employ in the model (we recommend that a single morphological model should not exceed 8 variables). We will then send you instructions and a template in which to enter your morphological field parameters and conditions. When you receive the template, follow the instructions, create a first GMA-field prototype, and send it back to us. We may have questions or comments before going on to Step 2.

Step 2:
We will construct and send you your model along with a MA/Carma CCA-software package and instructions on how to perform the Cross-Consistency Assessment (CCA). Follow the instructions, send the results back to us, and we will do a diagnostic. It may need a few iterations.

Step 3:
When the CCA has been completed properly, we will compile the model and send it back to you with an evaluation. With the MA/Carma CCA-software you will be able to run the model, designate different drivers/inputs, make "what if" inferences and display clusters. This will give you the flexibility you need to explore the solution space of your morphological field, and to present alternative solutions/scenarios depending on different drivers/inputs.