# **Evaluation Questionnaire**

## **Personal Information**

Name:
Field of Expertise and Years of Expertise:
Normal vision: Yes/No/Glasses
Colorblind: Yes/No
Involved in Design of ManyLands: Yes/No

### First Phase: Usage scenario - Framework Usability

For each one of the previously described tasks, answer and grade based on the perceived usability (ISO9241):

- **Effectiveness**: the accuracy and completeness with which the user can achieve the task.
- Efficiency: the resources expended in relation to the accuracy and completeness of tasks achieved.
- Satisfaction: the comfort and acceptability of the system to the user.

### In the grading scale 1-5 below, 1 is good and 5 is bad!

### An additional open answer to explain overall the grading per task would be very much appreciated!

Task Objectives			Pe Eff	rceiv icier	red Icy		Perceived Satisfaction								
(1-a) Interaction and seamless,	1	2+	3	4	5	1	2+	3	4	5	1	2+	3	4	5
space representations (whole dynamic system).															
Open answer:															
(1-b) Easy mapping of additional features on the phase space representations (whole dynamic system).	1 ++	2+	3 =	4	5 	1 ++	2+	3 =	4	5 	1 ++	2+	3 =	4	5 
Open answer:								-	-	-		-		<u>.</u>	

Task Objectives	Perceived Effectiveness						Pe Eff	rceiv icier	ed icy		Perceived Satisfaction				
(2-a) Dissection of the dynamic system into semantically decomposed regions.	1 ++	2+	3 =	4 -	5 	1 ++	2 +	3 =	4 -	5 	1 ++	2 +	3 =	4 -	5 
Open answer:															
(2-b) Abstracted representations of the dissections for easier navigation across phase space.	1 ++	2+	3 =	4 -	5 	1 ++	2+	3 =	4 -	5 	1 ++	2 +	3 =	4 -	5
Open answer:															
(2-c) Interaction and seamless, animated navigation through the dissected phase space representations.	1 ++	2+	3 =	4	5 	1 ++	2+	3 =	4 -	5 	1 ++	2+	3 =	4	5
Open answer:															
(3) Integration of Knowledge Discovery with Illustration Generation	1 ++	2+	3 =	4	5 	1 ++	2+	3 =	4	5 	1 ++	2+	3 =	4	5 
Open answer:															

#### Second Phase: Open questions - The framework of ManyLands overall

1. What are you currently using to do this analysis? Can you compare ManyLands to the state-of-the-art?

2. Did *ManyLands help* you analyze the previous tasks? Can it help you *explore* the feature space better/easier, after reasonable training? If yes, how?

3. Is ManyLands overall understandable and easy to learn, after reasonable training?

- 4. Is *ManyLands suitable* for....? How?
  - ... Data Exploration?
  - ... Knowledge Discovery?
  - ... Hypothesis Generation?
  - ... Decision Making?
  - ... Illustrations?
- 5. Which *ManyLands* features are seen as *useful*? Which *ManyLands* features are *missing*? How can *ManyLands* features be *reworked* to improve the supported work processes? What kind of *limitations* do you see in the current framework?

Thank you for your help!!