

# GOVERNING THE ANTHROPOCENE: CYBERSYSTEMIC POSSIBILITIES? SCHLOSS HERRENHAUSEN, 30-31<sup>ST</sup> JULY 2015

## INQUIRY RECORDING TEMPLATE

Table Number:	15
Participant Names	S.D. Noam Cook, Hans Dieter Kasperidus, Robert Hoffman, and Felix Tretter
Recorder Names: (PhD Students + others)	Emily Gates

**DAY 1 Thursday 30<sup>th</sup> July**

**Please take a photo of your table group at some suitable point during day 1 or day 2 and insert at the end of the template.**

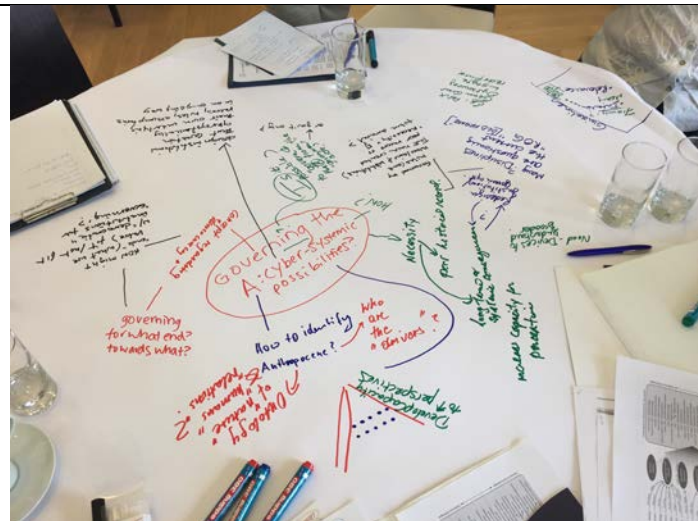
**INQUIRY 3** – At the end of this session have all Issues (I) and Opportunities (O) listed from sticky notes on conversation maps – take and insert photos (2) of sticky notes on conversation maps.

**ISSUES – List**

1. Definition of a system is an issue because it causes a division in the situation we depart from.
2. Unacknowledged human perspectives are an issue because they limit our capacities to understand.

**OPPORTUNITIES – List**

1. Create framing devices for way to define a system to guide thinking about and acting in situation.
2. Develop cyber-systemic skills at recognizing, critiquing, developing, using, and choosing among multiple perspectives.



Insert Photo2 (if not included in photo 1)



assumptions about decision-making.

For issue 4, this issue all stemmed from the conversation of the group in which we misunderstood each other at times because we were using words in different ways.

# DAY 2 Friday 31<sup>st</sup> July

**Please take a photo of your table group at some suitable point during day 1 or day 2 and insert at end of template**

KEY REFLECTIONS ON DAY 1 + NEWS OF DIFFERENCE	
<b>1. REFLECTIONS ON DAY 1 (list here)</b>	
The group acknowledged that we had few issues and opportunities, but that we had been having a good conversation so it wasn't important that we didn't generate so many post-its.	
<b>2. NEWS OF DIFFERENCE (list here):</b>	
<i>Hosts:</i>	
I (Emily) was a host so I do not have news of difference.	
<b>3. Update listing of Issues and Opportunities - noting any changes to existing ones and adding new ones.</b>	
ISSUES – list	OPPORTUNITIES- list
Same list of issues	Same list of opportunities

Please Insert any additional Narrative elements here – e.g. agreements, disagreements, explanations novel insights etc
When I asked the group about adding to or changing issues and opportunities, one of the members said not to worry. That even if the other groups had more post-its, we were having a useful conversation. And that these four issues captured well the points we had discussed.

## INQUIRY SESSION 5: Update Issues/Opportunities and Reorganise

1. Update listing of Issues and Opportunities - noting any changes to existing ones and adding new ones.

ISSUES – list	OPPORTUNITIES- list
<ol style="list-style-type: none"> <li>1. Definition of a system is an issue because it causes a division in the situation we depart from.</li> <li>2. Unacknowledged human perspectives are an issue because they limit our capacities to understand.</li> <li>3. Existing institutions cannot “govern the anthropocene” because they cannot (do not) question their own assumptions.</li> <li>4. Language is an issue because of its context is not spelled out and causes confusion.</li> </ol>	<ol style="list-style-type: none"> <li>1. Create framing devices for way to define a system to guide thinking about and acting in situation.</li> <li>2. Develop cyber-systemic skills at recognizing, critiquing, developing, using, and choosing among multiple perspectives.</li> <li>3. Develop cybersystemic institutions that by definition question their own assumptions.</li> <li>4. Develop a language of communicating about complex systems beyond scientific communities.</li> </ol>

2. Photo of reorganised Issues and Opportunities on new sheet

Insert photo

No re-organization of the issues/opportunities.

## INQUIRY SESSION 6: Update Issues/Opportunities

1. Update listing of Issues and Opportunities - noting any changes to existing ones and adding new ones.

ISSUES – list

OPPORTUNITIES- list

SAME

SAME

2. Photo of clusters of Issues and Opportunities on new sheet

Insert photo

Please Insert any additional Narrative elements here – e.g. agreements, disagreements, explanations novel insights etc

## INQUIRY SESSION 7: Formulating an actionable system

1. Update listing of Issues and Opportunities - noting any changes to existing ones and adding new ones.

<p>ISSUES – list</p> <ol style="list-style-type: none"> <li>1. Definition of a system is an issue because it causes a division in the situation we depart from.</li> <li>2. Unacknowledged human perspectives are an issue because they limit our capacities to understand.</li> <li>3. Existing institutions cannot “govern the anthropocene” because they cannot (do not) question their own assumptions.</li> <li>4. Language is an issue because of its context is not spelled out and causes confusion.</li> </ol>	<p>OPPORTUNITIES- list</p> <ol style="list-style-type: none"> <li>1. Create framing devices for way to define a system to guide thinking about and acting in situation.</li> <li>2. Develop cyber-systemic skills at recognizing, critiquing, developing, using, and choosing among multiple perspectives.</li> <li>3. Develop cybersystemic institutions that by definition question their own assumptions.</li> <li>4. Develop a language of communicating about complex systems beyond scientific communities.</li> </ol>
Insert photo 1 of revised conversation map	Insert Photo2 (if not included in photo 1)

2. List of subsystems title and opportunities

<p>FOSTERING CYBER-SYSTEMIC CAPACITIES</p>	<ol style="list-style-type: none"> <li>1. Help shift the frame of the group from competitive to collaborative/responsible within the team and organization as a whole.</li> <li>2. Establish open, public access virtual space for sharing models of complex systems across different systems science disciplines</li> <li>3. Creating and reforming institutions and practices for generating specialized and social learning of cyber-systemic skills</li> <li>4. Structure time and space for members of an organization to reflect and learn from practice</li> </ol>
Just one system with these 5 sub-systems, Apologies that I did not take a photo of this final sheet	

The group was quite happy with these four sub-systems. I, personally, was surprised as there was many back-and-forth misunderstandings and difference of perspectives in the conversation that the group ended up with some “steps” that were satisfactory to all.

3. Voting on priority subsystems

All 4 of these sub-systems were important to the group.

## PLENARY – Reflections and Priorities

The group felt some sense of connection at the end of the conversation, as contact information was exchanged, pictures taken, etc.

**Please make sure you have taken a photo of your table group at some suitable point during day 1 or day 2**

**Insert table group photo here:**

