Building with Nature & Beyond

Assignment 10.1: Towards Coalition Building in Tema, Ghana

Additional Assignment Form

Building with Nature Coalition Forming – using the S-principles

In Part II of the book Building with Nature & Beyond (Slinger, 2021), the focus lies on designing your own stakeholder-inclusive, value-based and ecosystem-friendly strategy for coalition building. This is undertaken in five stages, namely:

1. Diagnosis for stakeholder engagement
2. Identify and map key stakeholders
3. Apply the Social Design Principles
4. Cooperative game theory
5. Issues of scale

This form is provided as an extract from the book Building with Nature & Beyond (Slinger, 2021) to enable you to apply the Social Design Principles to multiple cases.

You are advised to consult chapters 6 to 9 before attempting the assignment. In particular pages 9-356 to 9-360 provide an explanation of the Social Design Principles as does the following video:

Slinger, J.H. (Jill), Vreugdenhil, H. (Heleen), Palmer, C. (Tally), Ritsema, J. (Jacobiene), d'Hont, F. (Floortje) (2021). *Beyond Engineering: Building with Nature 2x video #11. Distilling Social Design Principles.* 4TU. Dataset. https://doi.org/10.4121/14912508

You may cite this form as:

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Assignment 10.1: Towards Coalition Building in Tema, Ghana

Introduction

In this assignment you will apply the knowledge you have gained in the preceding weeks to design your own stakeholder-inclusive, ecosystem friendly strategy for coalition building in Tema, Ghana. You will undertake this in 5 stages in this form.
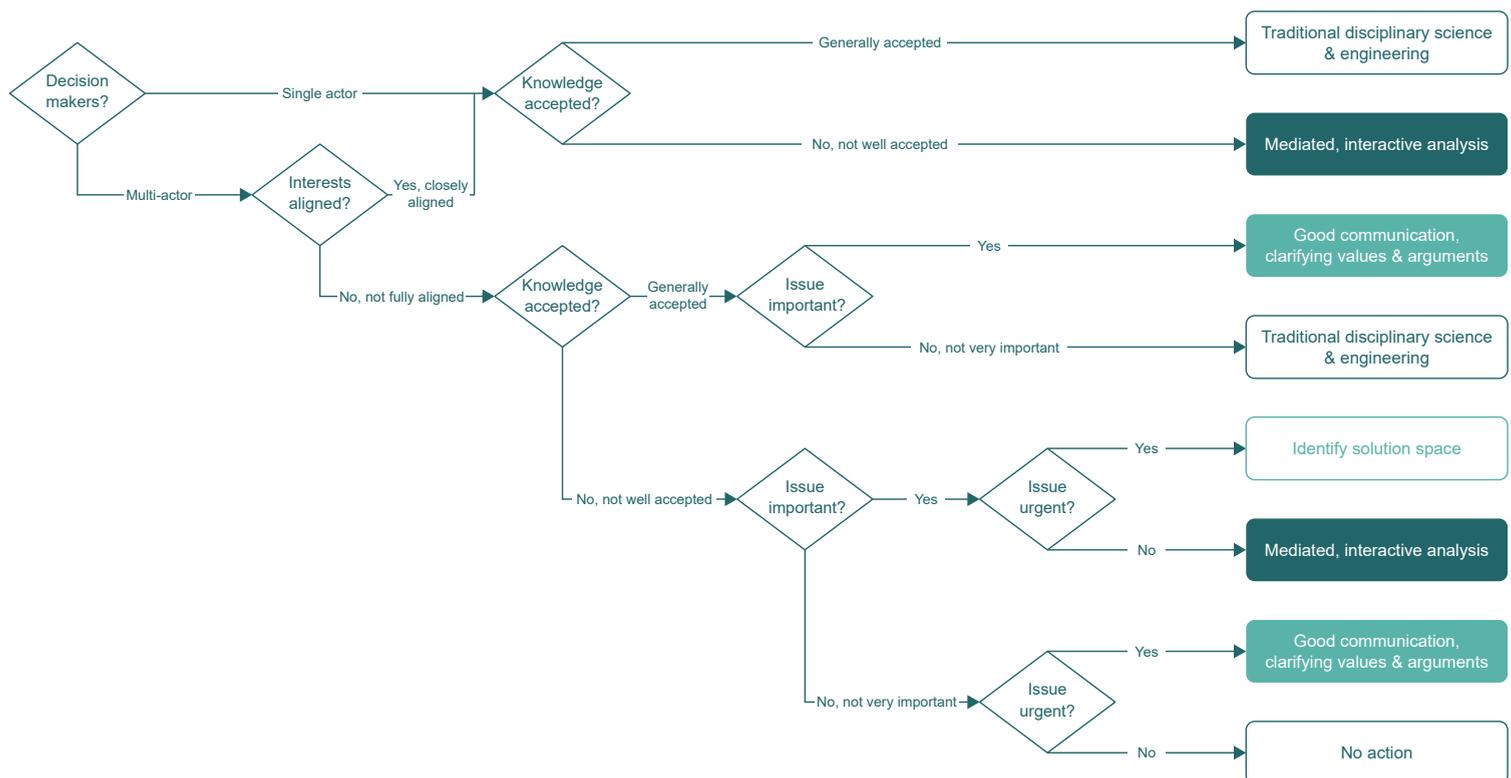
Title:

Locational Focus (and why?):

Justification (Give your reasoning in the box below):

Stage 1 – Diagnosis for Stakeholder Engagement

Indicate the type of stakeholder engagement. You choose on the basis of the 5 diagnostic questions. Draw in your choice path. Consult the Feedback on Assignment 6.1 if you are unsure how to determine the type of stakeholder engagement required.
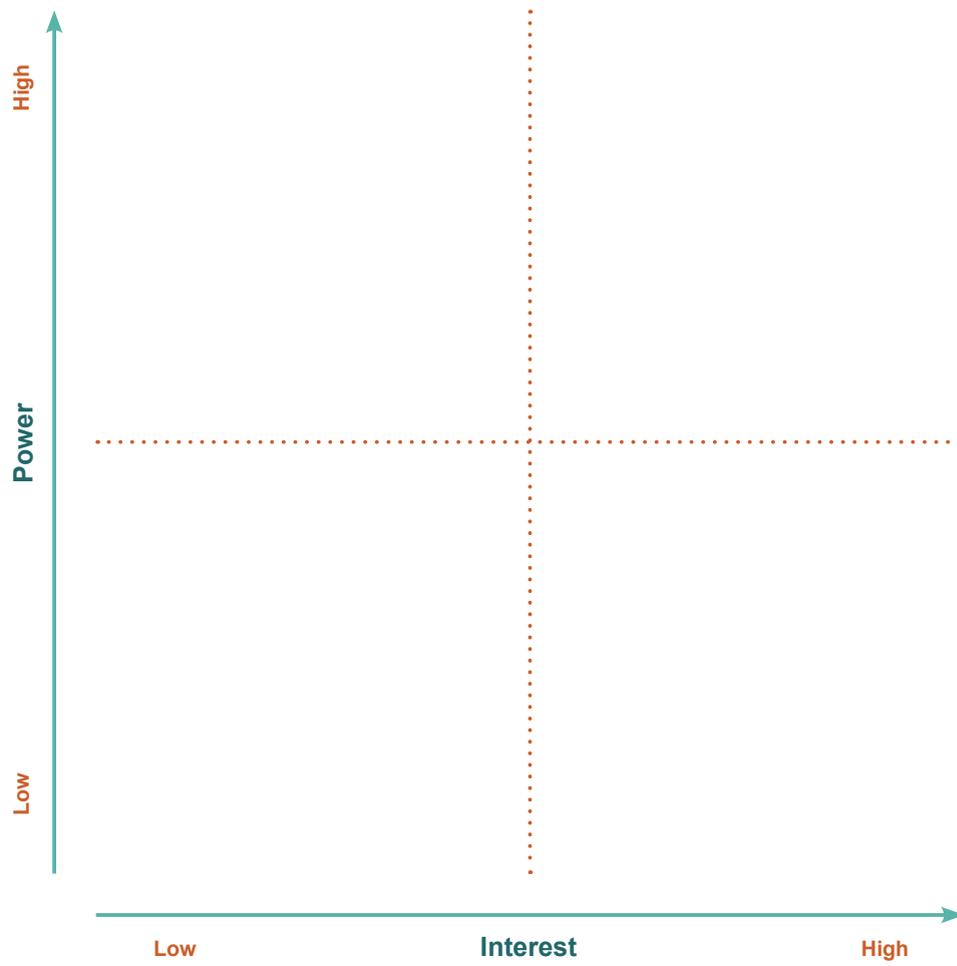
Stage 2 – Identify and Map Key Stakeholders

The key stakeholders, their power and interests and key resources should be specified below. Consult the Feedback on Assignment 7.1 if you are unsure of the 4 steps that you need to follow to identify and map stakeholders and arrive at the summary table and power-interest grid (next page).

Initial List of Key Stakeholders	Important Resources
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	
13.	
14.	

High

Power

Low

Low   Interest   High

Identifying Potential Coalitions (Record your ideas of potential coalitions below):

Stage 3 – Apply the Social Design Principles

First, apply the Normative Social Design Principles, determining how you stand in relation to the problem situation and the people to be involved in the stakeholder engagement process.

Next, apply the Social Design Principles for Transdisciplinarity to determine how you will design the process of engagement. Finally, apply the Substantive Social Design Principles to determine what will form the content focus of the engagement process.

Normative Social Design Principles	Checkboxes Minimum-maximum	Explanation
1. Complexity-informed stance		
2. Stakeholder-inclusive		
3. Value-based		
4. Adaptive		
5. Coalition-building		

Social Design Principles for Transdisciplinarity	Checkboxes *Minimum-maximum*	Explanation
1. Tolerance		
2. Aha moments		
3. Enquire, listen, share		
4. Tolerance, integrity, trust		
5. Reflection		
6. People, ideas		
7. Discontinuities		
8. Perserverence		
9. Multidimensional people		

Substantive Social Design Principles	Checkboxes *Minimum-maximum*	Explanation
1. Way of life		
2. Culture		
3. Community		
4. Political systems		
5. Environment		
6. Health and wellbeing		
7. Personal and property rights		
8. Fears and aspirations		
9. Cumulative effects		

Stage 4 – Cooperative Game Theory

Apply cooperative game theory to identify players, moves, pay-offs and outcomes, either in past games e.g. the Tema Port Expansion approval, or as input for coalition building in present and future games to increase social inclusion and benefit sharing from the port. Consult the Feedback on Assignments 8.1 and 8.2 if you are unsure how to apply game theory.

Translating real world elements into Game Theory equivalents:

Constructing and Interpreting the game(s):

Does this Change your Ideas for Potential Coalitions?:

Stage 5 – Issues of scale

Reflect on your choice of scale and how this relates to the issues associated with the expansion of the Port of Tema. What does this mean for the coalitions you have identified, or for your engegement strategy?

Reflection: