

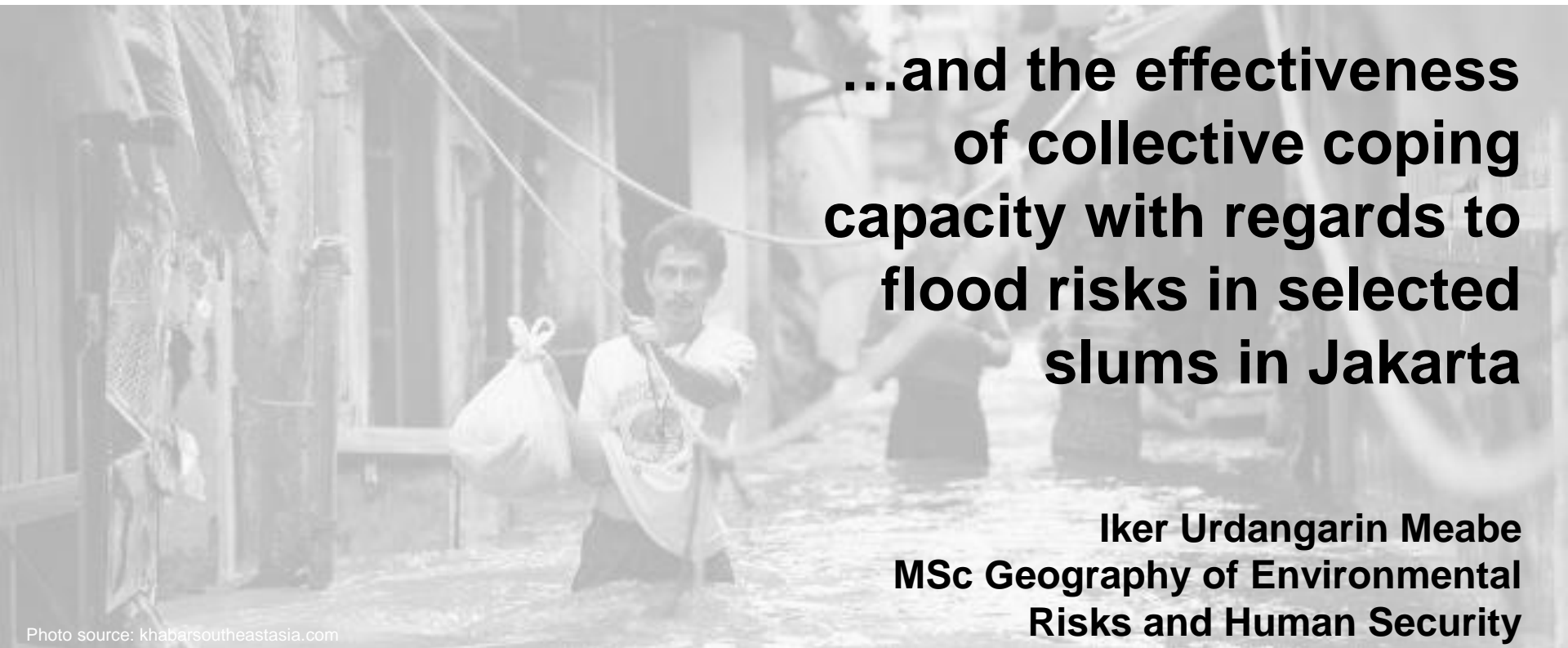
The relationship between ethnic heterogeneity/homogeneity...



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**...and the effectiveness
of collective coping
capacity with regards to
flood risks in selected
slums in Jakarta**

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Photo source: khabarsoutheastasia.com

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Geographie



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1. Literature Review – Methodology and objectives



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Step	Result
1. Define objectives	<ul style="list-style-type: none">• Find drivers and indicators of risks and vulnerability• Find research gaps
2. Search articles on <i>Scopus</i> and <i>Web of Knowledge</i> : “Jakarta” + “Risks”	218 articles found
3. Assess relevance level of all articles	High (11%), Medium (12%), Low (77%)
4. Analyze high and medium relevance (50 articles)	Literature review findings
5. Comparison of findings	Report for TWIN-SEA



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Literature review findings

- Most studied environ. risk: floods
- Most of vulnerability causes explained by hazard-independent explanations
- Little but increasing interest on Climate Change
- Methods: mostly quantitative
- Research gaps:
 - Risk coping
 - Relation between ethnic aspects and risks

2. Master's thesis project



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Title:

*“The relationship between **ethnic heterogeneity/homogeneity** [in slums] and the **effectiveness of collective coping capacity with regards to flood risks** in selected slums in Jakarta”*

Objective

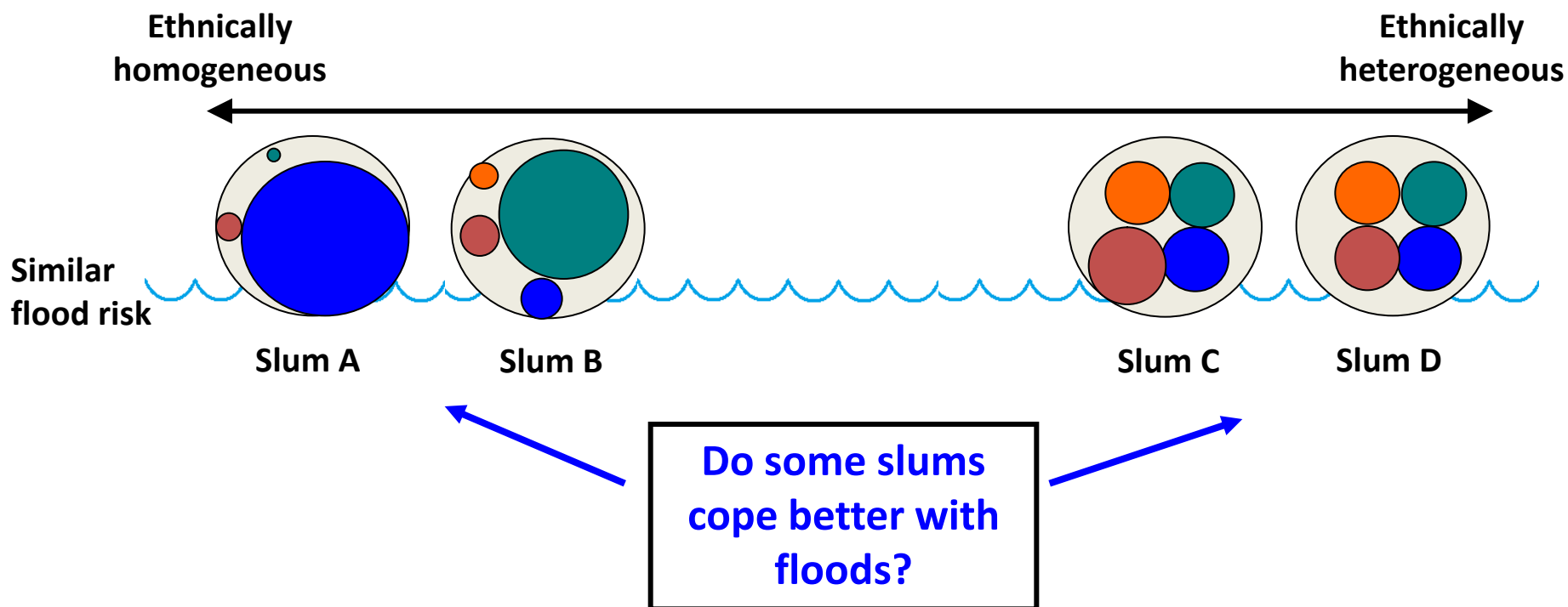


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to find if the ethnic heterogeneity/homogeneity of slums affects the effectiveness of collective risk coping



Research question & potential results



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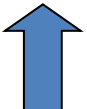
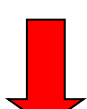
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Research question: Does the level of ethnic heterogeneity or homogeneity of slums affect the effectiveness of collective coping capacity towards flood risks?

Potential results:

A) Yes:

A1)  heterogeneity =  coping capacity

A2)  heterogeneity =  coping capacity

B) No, more complex explanation

Interest and relevance



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Why slums? 830 million people live in slums,
which could triple by 2050 (UN-Habitat)

Why ethnic composition? Communities with a
great variety of ethnicities

Why effectiveness of collective coping? To look
into community capacities towards flood risks

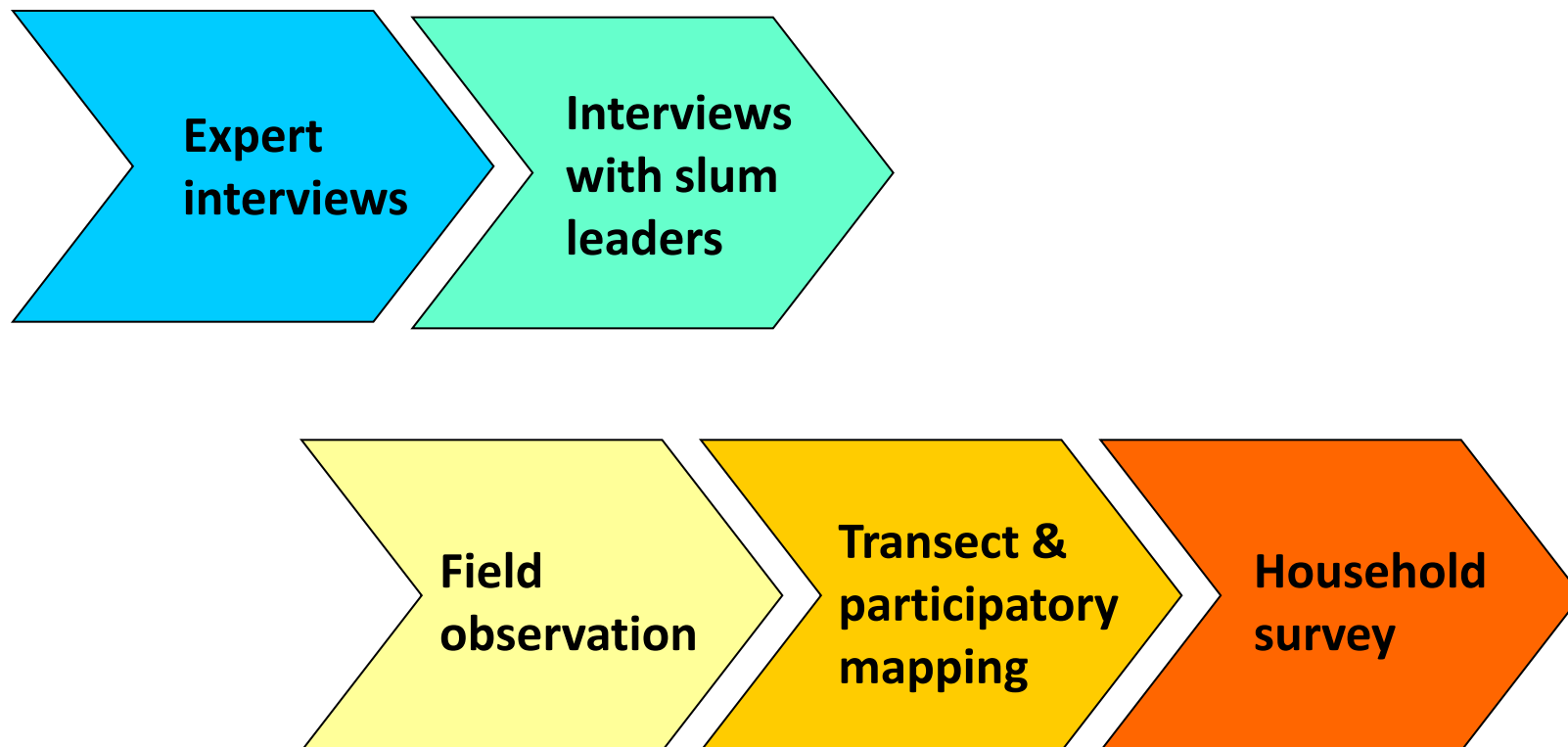
Methodology



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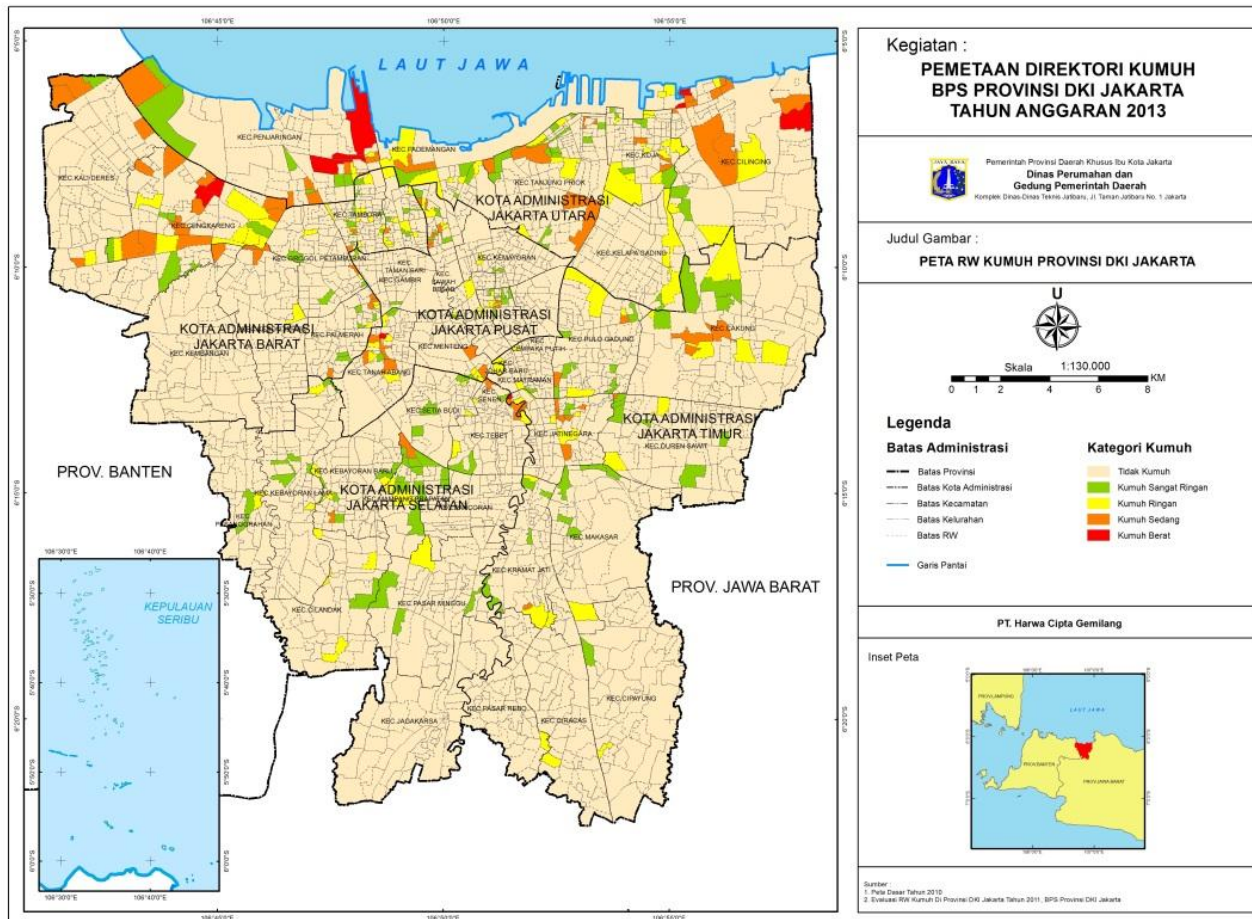
Terima Kasih!



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Study locations:

**I would
appreciate your
suggestions**

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