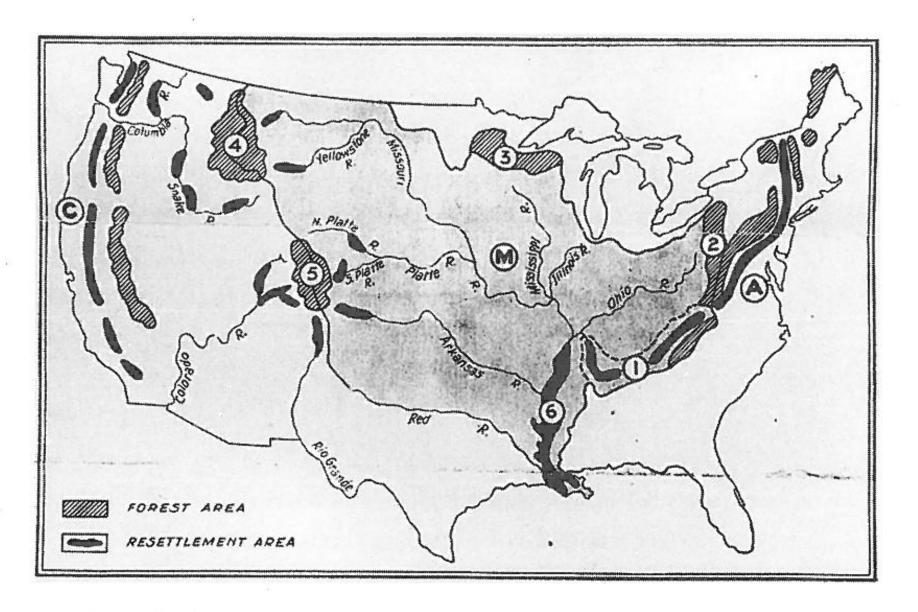






WHAT ABOUT LANDSCAPE PLANNING?

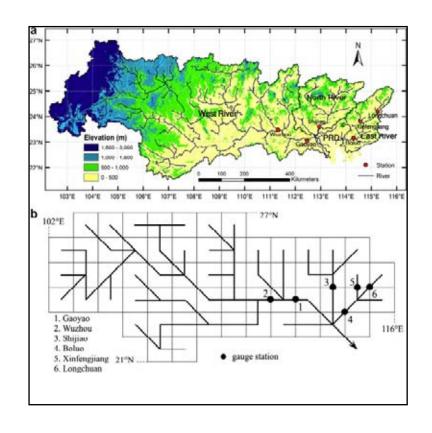
- identification of ecological relationships and of landscape problems and issues at a scale larger than that of an individual site;
- (2) understanding landscapes as dynamic systems and the importance of protecting and maintaining natural processes;
- (3) development of techniques for the spatial analysis of landscape and cultural resources data, resource processes and relationships between and among data sets;
- (4) understanding variable values within and among cultures;
- (5) recognition of the need for multi- or interdisciplinary approaches to planning.



1.3.2 Lanes of national development as mapped in article, "The Tennessee River Project: First Step in National Plan." a) Appalachian Valleys, b) Mississippi Basin, c) Columbia-Sacramento Valley, 1) Tennessee Valley 2) Pittsburgh-Alegheny Area, 3) Minnesota-Wisconsin Forest Area, 4) Columbia-Yellowstone Area, 5) Colorado-Platte Area, 6) Lower Mississippi Area. Benton MacKaye, "The Tennessee River Project: First Step in National Plan," New York Times (16 April 16, 1933):3.

CHALLENGES:

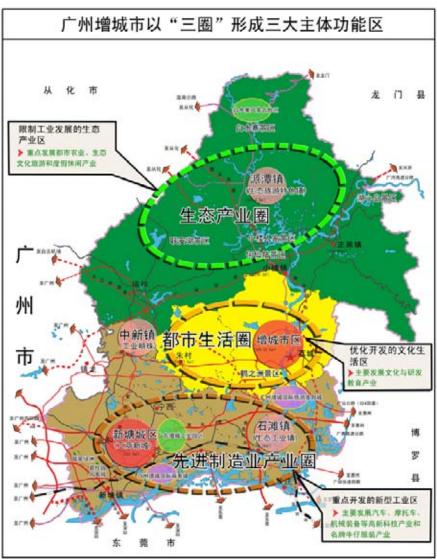
RECONCILING SCALES





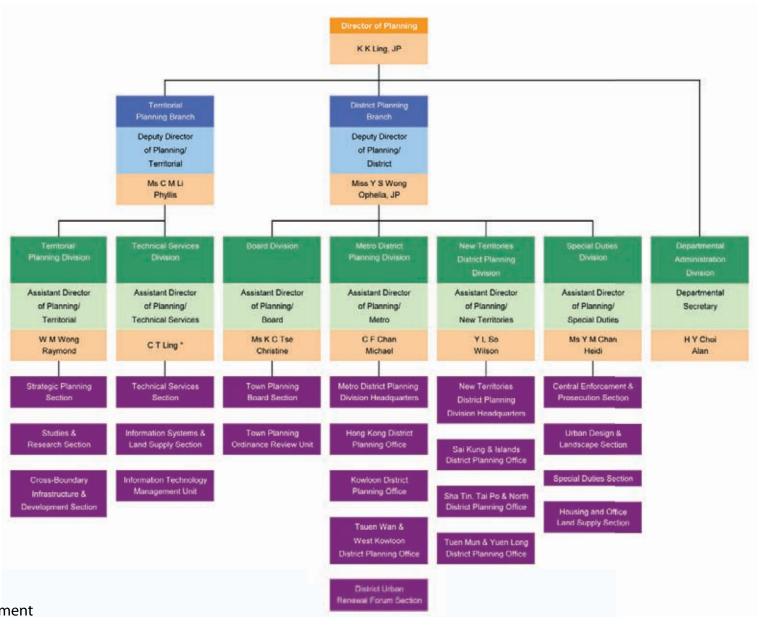
CONSEQUENCES:





CHALLENGES:

ENGAGING IN A REAL PLANNING PROJECT



HK Planning Department www.pland.gov.hk

THE INFRASTRUCTURAL LANDSCAPE OF THE CHAO PHRAYA WATERSHED



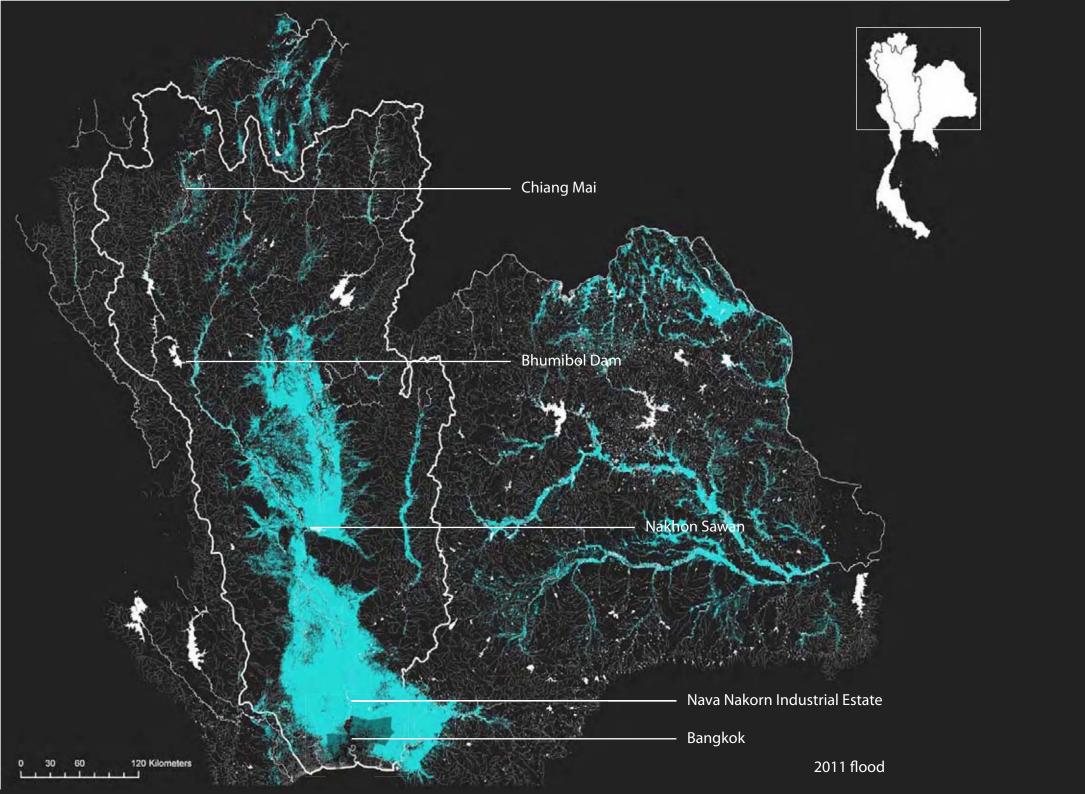


WORLD BANK ESTIMATES

REHABILITATION COSTS

\$24.6
BILLION US DOLLARS

http://www.bangkokpost.com/business/economics/268331/rehabilitation-to-cost-b755bn



PRE-SEMESTER VISIT & RESEARCH



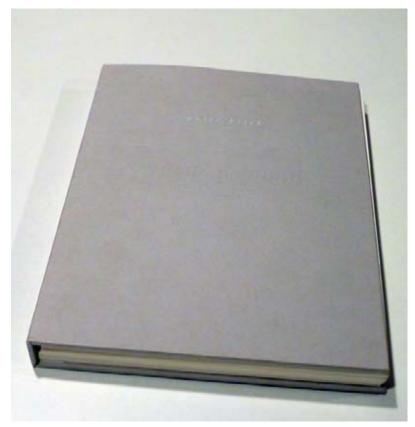


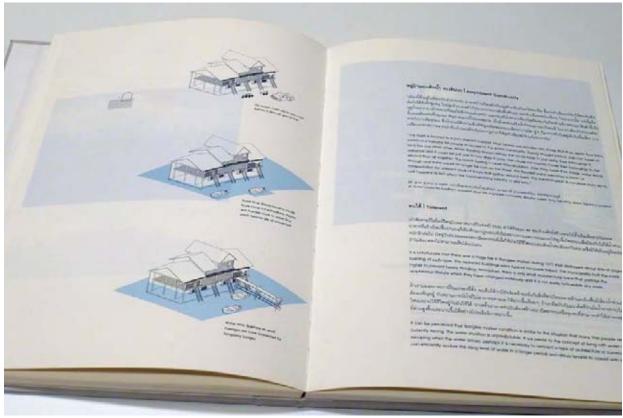


PRE-SEMESTER VISIT & RESEARCH



OTHER INTERESTED PARTIES





Water Brick: Liquid Perception in Thai Urbanism and Architecture Association of Siamese Architects, 2012

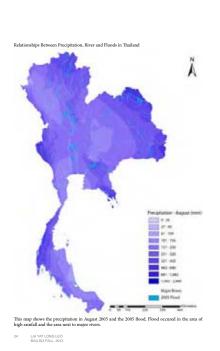
STUDIO PROCESS

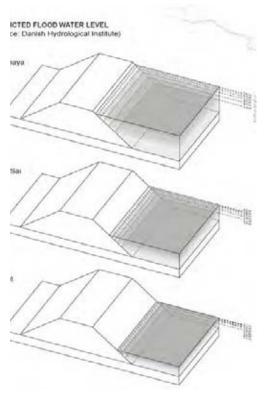
REGIONAL STUDY indexing

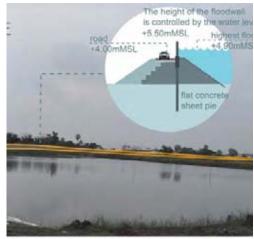
DETAILED STUDY typologies

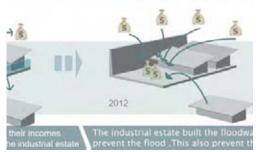
FIELD VERIFICATION annotations

PROPOSAL prototypes & deployment



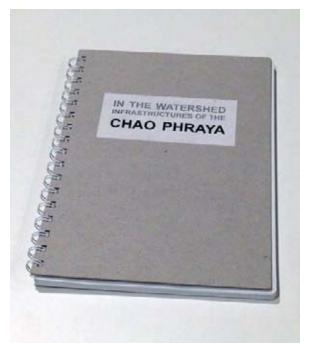


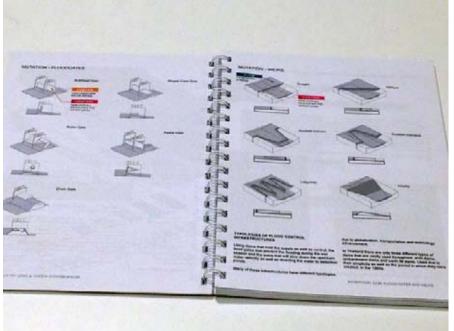


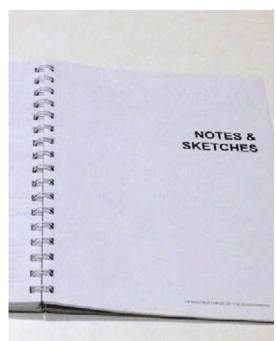




STUDIO PROCESS: MULTISCALAR







TRAVELLING ALONG THE WATERSHED-DATA COLLECTION









TRAVELLING ALONG THE WATERSHED-COMPILING INFORMATION



BALS3 Fall 2012 • ARCH 3027 Landscape Design Studio V (12 Credits) Instructor: Dorothy Tang (e: $\frac{dstang@hku hk}{ds}$ /KB209), Office Hours: Wednesdays 10-12 Teaching Assistant: Seth Denizen (e: sdenizen@hku.hk / K814), Office Hours: Thursdays 10-12 Circulation: DT, SD/jc • Date Issued: 26 October 2012

(re)Planning Bangkok: The Infrastructural Landscape

Analytical Photography



The Trans-Alaska Pipeline. Center for Land Use Interpretation

Photographs are drawings. Good photography goes beyond a good camera; it involves a critical understanding of the issues involved, a focused objective, and an artistic eye. This document suggests some strategies for you to compose photographs regardless of hardware, and enables a strong narrative for your project.

Framing a View

Tip #1: Think before Shooting

As designers with a particular understanding of how the landscape operates, it is critical that we THINK before taking a photograph. Any photograph represents our view of the subject, and therefore its framing, composition, and content are all important aspects of our research.

(re)Planning Bangkok The Infrastructural Landscape

Tagging in picasa

This is an important part of building an archive that you should make a part of your own design practice. This technique is increasingly being used not only for photos, but also for PDF's, web images, and other data.

What we will be trying to do in this studio is build an archive of photo's that everyone can search through and use later on in the semester. For instance, if you become interested in canals later on in the semester, it will be useful to be able to search through every photo the class took for images of canals. This is only possible if pictures containing a canal, are tagged "canal." In order to increase the chances of finding what we want, we will be employing a standard framework for tagging our photos.

Every photo should have at least 5 tags:

- 1. PLACE specific
- 2. PLACE general
- 3. KEYWORD 1 4. KEYWORD 2
- 5. AUTHOR your name

PLACE specific / general describes the *type* of place that the photo was taken in, for instance, "market." We will be geotagging all of our photos, but this only gives us the location, not the type of location

KEYWORDS describe what the photo is showing: canal, baby, mailbox, floodgate, market, sewer, religion. Make your keywords as generic as possible. Try to imagine someone actually searching for the keyword you create. For instance: inflatable spaceship is not a good keyword, even if you see one.

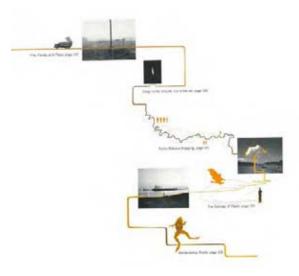
Unlike the EXIF metadata format for geographic information, there are no standard formats for attaching keyword information to photos. This is why we will all be using Picasa. To access the Picasa Tagging menu, (lick the icon as shown below.)



(re)Planning Bangkok The Infrastructural Landscape

Annotated Photographs

When you annotate a photograph or create diagrams with your images, consider the invisible forces, actors, materials, relationships, and movement that are critical to your theme. Examine the existing photograph, and consider how you would draw a diagram that would help your viewer gain a deeper understanding of the site—operations that are beyond the surface. The annotations themselves should be more than simply labels, but the identification and emphasis of certain aspects of the photograph that might reveal something new. For example, highlighting certain types of programs, uses, movement over time, or interactions within a photograph would allow the viewer to reconsider overall relationships within a place. Or, drawing a section over a photograph would help the viewer understand the relationship between how something is constructed and water levels. Below are some examples of how others have used similar techniques to annotate photographic images.



(re)Planning Bangkok The Infrastructural Landscape

5

TRAVELLING ALONG THE WATERSHED-PROCESSING INFORMATION



hearing from people on the ground



daily debreifings



final workshop











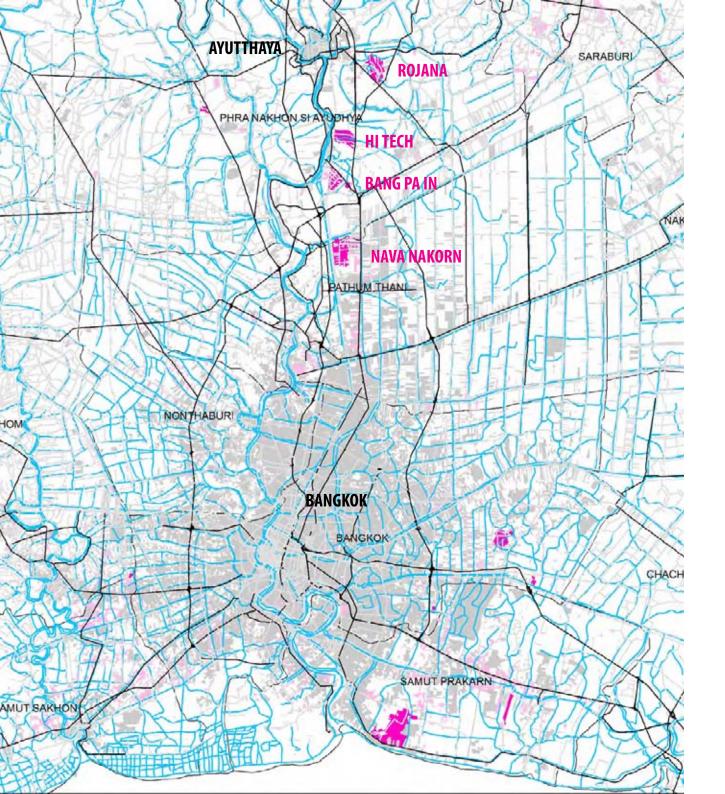








DESIGN BRIEF INDUSTRIAL ESTATES BETWEEN AYUTTHAYA & BANGKOK



SITE(S)

BETWEEN AYUTTHAYA & BANGKOK

ISSUE(S)

ADDRESS FLOODING IN RELATIONSHIP TO THE INDUSTRIAL ESTATES

INTERVENTION(S)

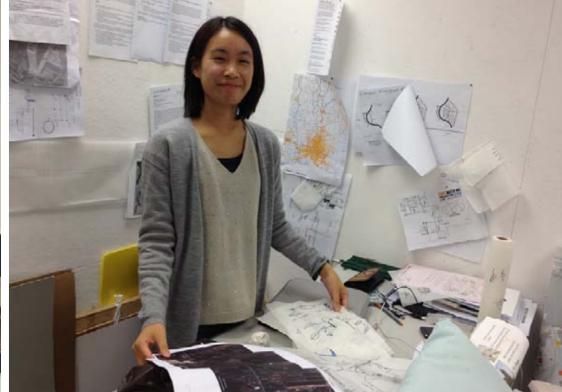
WITHIN THE LARGER SYSTEM REGARDLESS OF SCALE

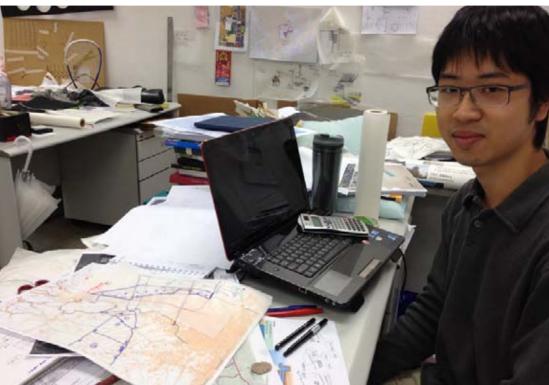
RESOLUTION(S)

MUST OCCUR PHYSICALLY AND MATERIALLY

10 Kilometers









Elevated Evacuation

The last project combines as a final design project. Depending on our observations from the Thailand fieldtrip, we are to focus on several issues and try to come up with different typologies to deal with the situations. Each student may work on a different scale according to the issues they identify, the design should eventually act as an arguement to the current infrastructural system that is starting to fail at dealing with the floods. The ultimate goal is to come up with a alternative approach to the landscape and infrastructural planning of the country and of the individual region or sites.

My project looks into a regional scale at first, focusing on the idea of evactuation and how people react to the flooding events. After some more analysing, the topic is narrowed down to individual transportation infrastructures known as the U-Turn Bridges. These are interesting structures that can remain dry in times of floods, even in the most severe flood in 2011. My proposal is to untilize the structure of the existing infrastruces and create safe zones for evacation while remain as crossing of the highway on a daily basis. The prototype also reflect on the self-protecting industrial estates which are all building flood walls around themselves to create island during floods.

DENNIS FUNG

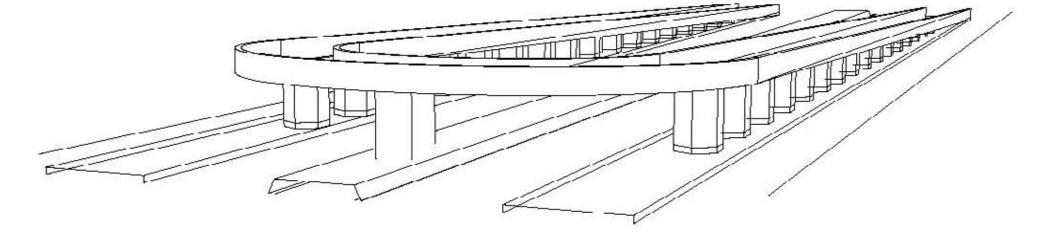


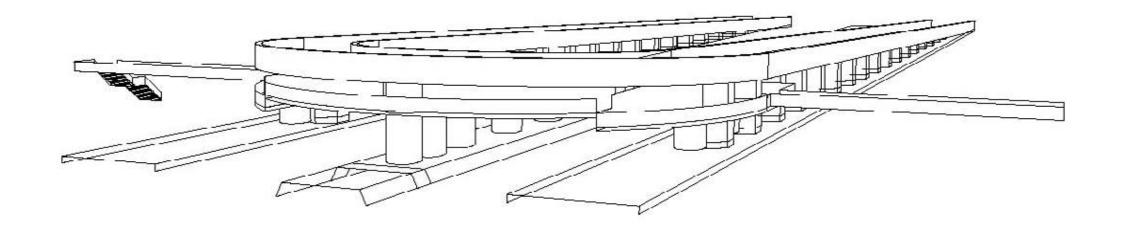




U-Turn Bridges

Design -





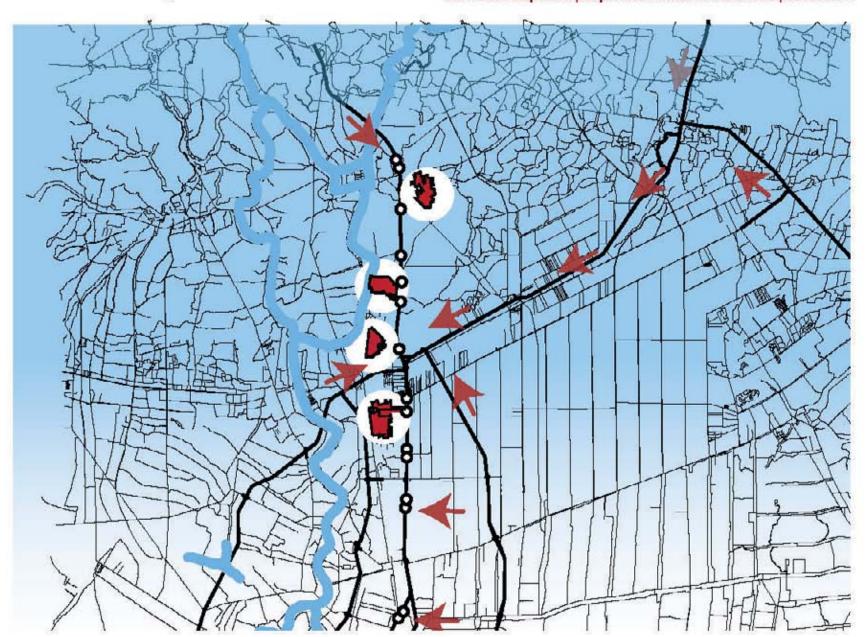
Change of evacuation

These proposed infrstructures should allow faster access during evacuation

These proposed infrstructures should allow faster access during evacuation

Provide vacancy for around 4000 evacuees, meaning an additional

33% more displaced people will be able to settle compare to 2011

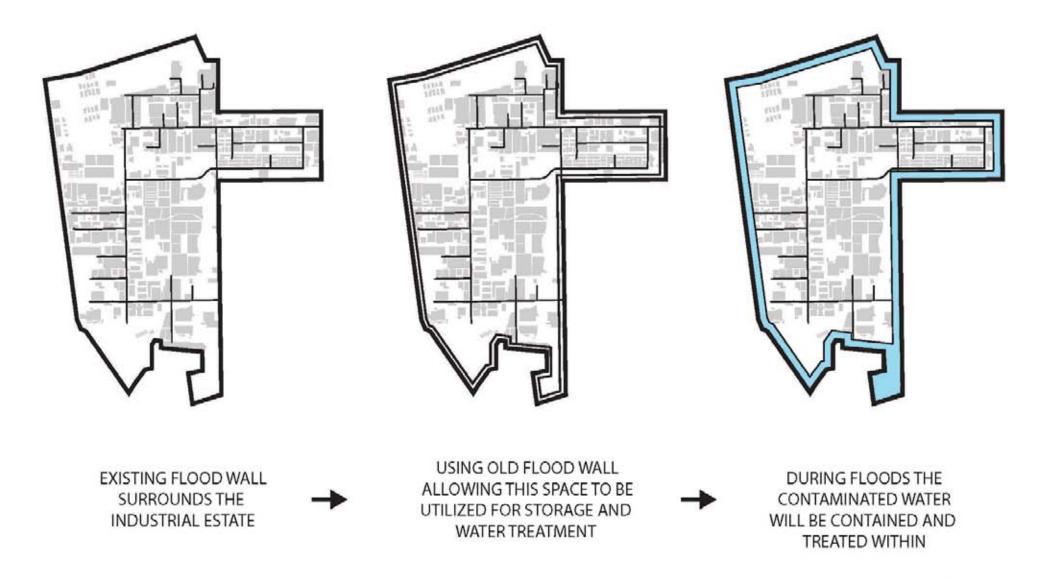




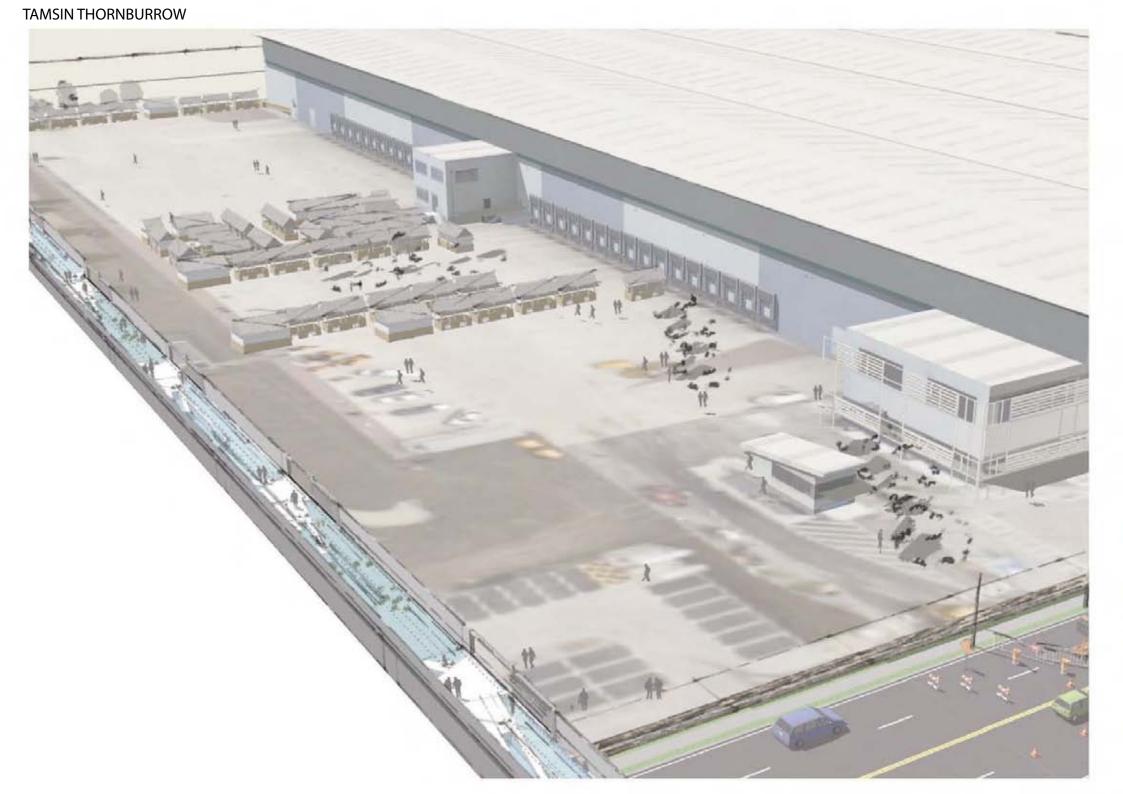




CONCEPT: UTBLIZING THE

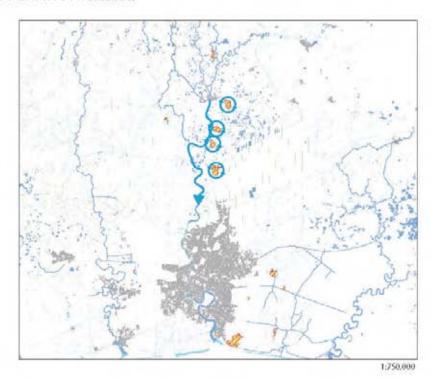


1:50,000



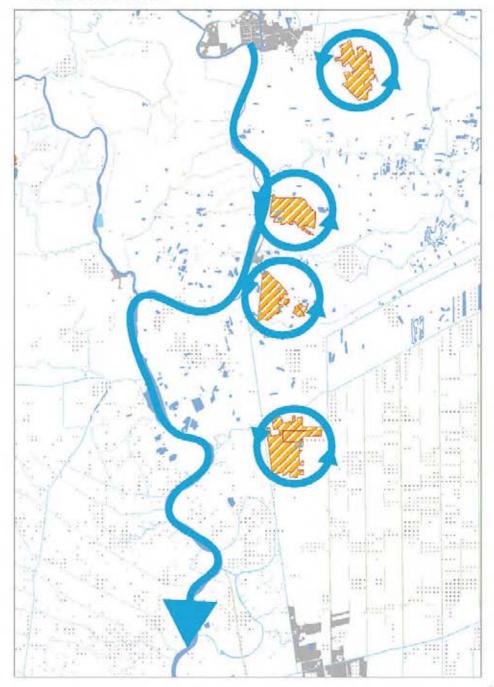


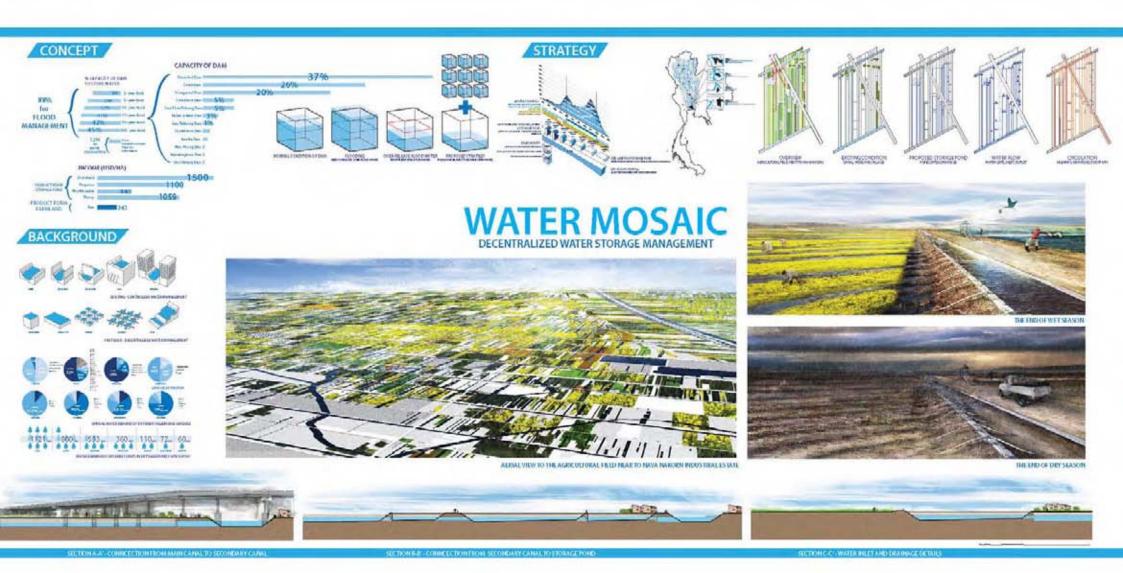
OPERATION: THROUGH A



FOR THE INDUSTRIAL
ESTATES TO BECOME
MORE SUSTAINABLE,
WATER MUST BE MANAGED WITHIN THE SITE BY
MEANS OF FILTRATION
AND REUSE.

OPERATION: THROUGH A









THE END OF DRY SEASON



AERIAL VIEW TO THE AGRICULTURAL FIELD NEXT TO NAVA NAKORN IND. ESTATE

As the storage ponds interweaves with the dynamic crop pattern, it integrates together and form a mosaic pattern in the regional scale at aerial view.