

Summary of the 2nd Weekly Meeting

Date/Time: 7th July 2009 / 18.00 Korea time
Media : MSN Messenger Group Talking
Attendance : All members

The program for this meeting is the following:

- Work realized by GIS team
- Modification of Modelling team
- Hydrology task
- Comments about our webpage
- Additional team rules
- Choice of our reporter

1) GIS team's work:

Tibo determined the flow direction and accumulation and the drainage line with ArcHydro tool, but he had some problems to determine the main drainage point. Chris will help him to find the appropriate tool to solve this problem. Moreover, DEM is already done.

Victor proposed to prepare drainage system network data for modelling with ArcGIS and then to divide the catchment according to manholes.

2) Composition of modelling teams:

Naniz suggested that as Chris and Victor seems to be the ones who have most experience with modelling, they shouldn't be in the same team...

That's why the new teams are the following:

Kim, Victor: SWMM

Chris, Kyung Hoon, Takuya: MOUSE

3) Hydrology task:

For this part, Victor proposed to use Thiessen polygons method in order to divide the catchment. But, the key problem is that we have no data for all subcatchments. If we keep this method, we have to suppose that precipitations are the same everywhere (our study area is rather small and a urban area...). We can use the probability rainfall intensity formula of Incheon in order to create a synthetically storm too.

Or we can divide in three main catchments into many subcatchments according to manholes location.

A last method consists in using the kriging method.
We'll talk about this topic longer the next time.

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4) Comments about the webpage:

Everybody agree on the fact that the coach (Chris) has done a good job for our webpage! Moreover, a video (presentation movie) is making, but some pictures of our team members are still missing. 'till the end of the week, it should be finished and online!

5) Additional team rules:

No additional team rules needed...

6) Reporter choice:

Naniz chose Pat to write this report. Even if the coach said that I have nothing to do, that is totally wrong (!!!), it was ok for me too.

Concerning the next meeting, all French students will be absent because they have some vacations (lucky men... I know!!). Consequently, Victor was chosen to be the leader for the next meeting. In the same time, Chris and I will meet our Japanese friends and team mates in Japan...!

Summarized and Written by Pat