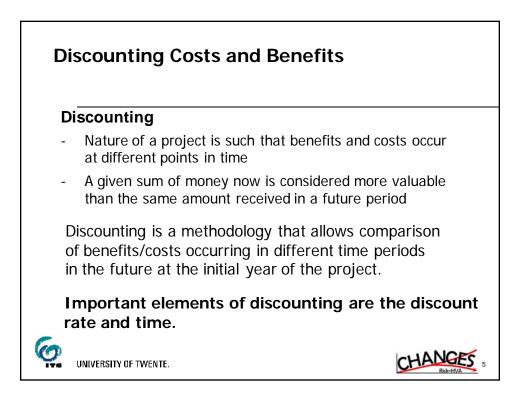
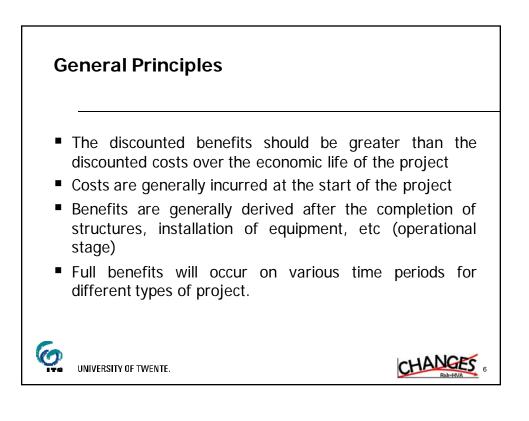
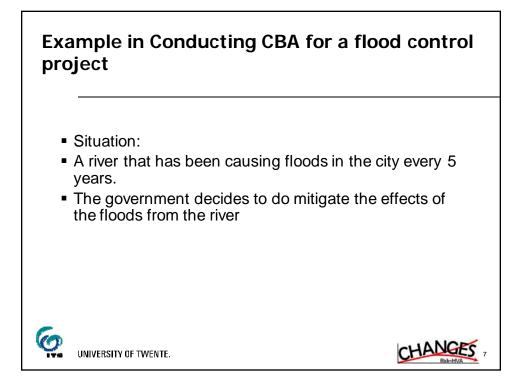
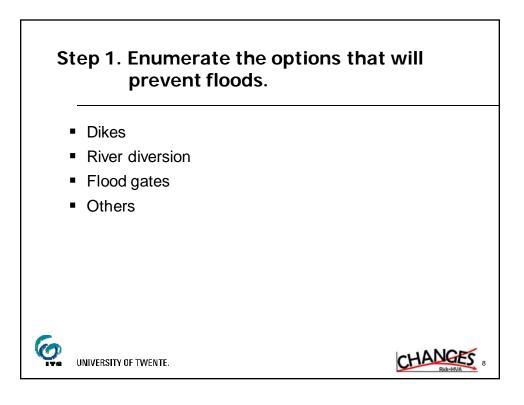


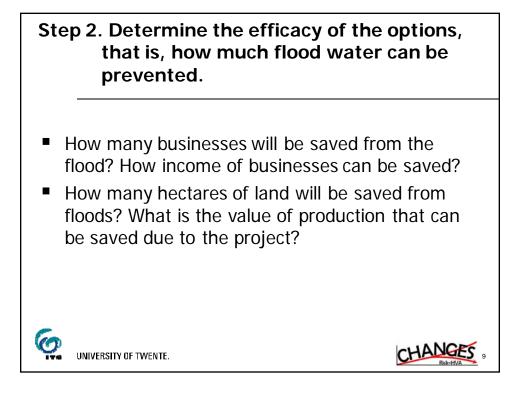
| Discounting and present value | | | | | | | | |
|-------------------------------|---|----------------------------------|-----------|--|--|--|--|--|
| | Initial Money : B Interest rate : r Time invested: n | | | | | | | |
| | Year 0 | B ₀ | | | | | | |
| | Year 1 | $B_1 = B_0 + B_0(r)$ | | | | | | |
| | Year 2 | $B_2 = B_1 + B_1(r)$ | | | | | | |
| | Year 3 | $B_3 = B_2 + B_2(r)$ | | | | | | |
| 6 | Year N | $B_n = B_{(n-1)} + B_{(n-1)}(r)$ | | | | | | |
| ITA | UNIVERSITY OF TWENTE. | | CHANCES 4 | | | | | |

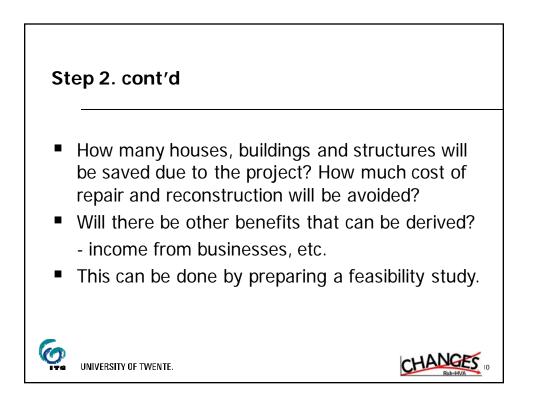


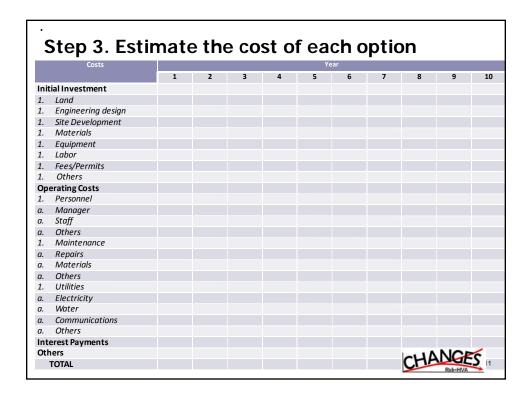


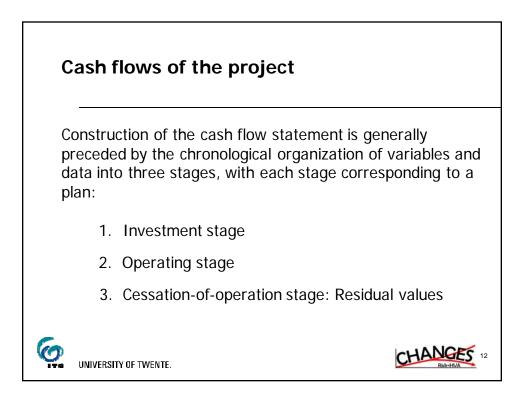




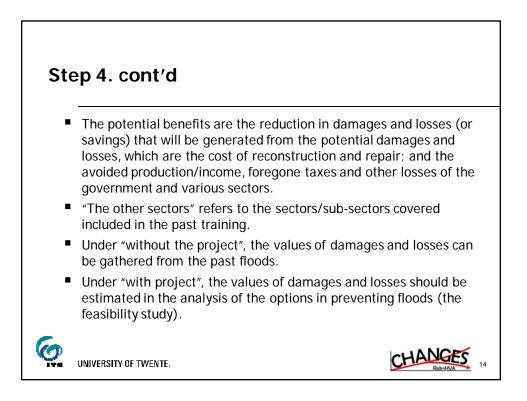


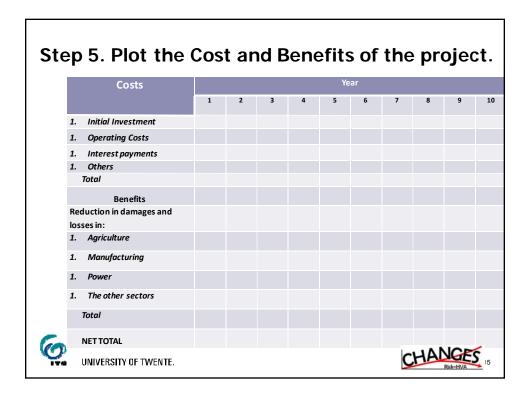


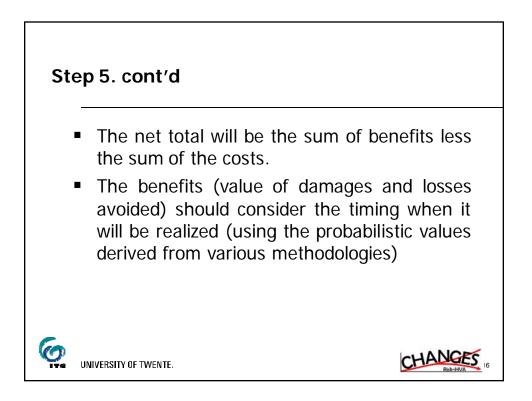


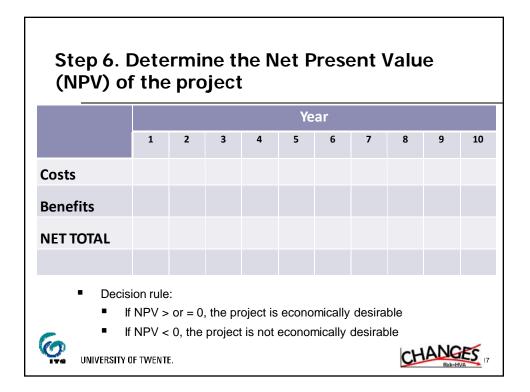


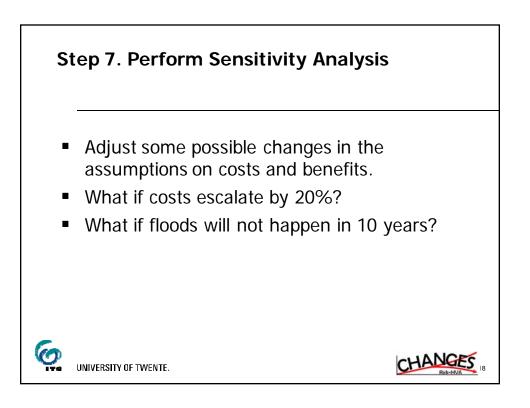
| Step 4. Analyse the benefits of the project. Analyze the "with" and "without the project" situation. | | | | | | | |
|--|--------------------------|--------|--------------------------|--------|----------------|--|--|
| Sector/Sub- sectors | Without the Project (\$) | | With the Project (\$) | | Net Value (\$) | | |
| Sectors | Damages | Losses | Damages | Losses | | | |
| Agriculture | | | | | | | |
| Manufacturing | | | | | | | |
| Power | | | | | | | |
| The other sectors | | | | | | | |
| NET BENEFIT | | | | | | | |
| | ANGES 3 | | | | | | |

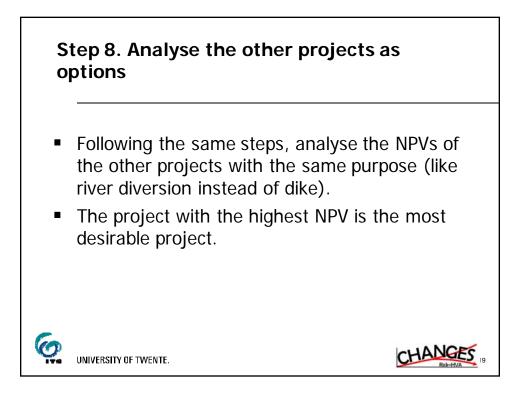


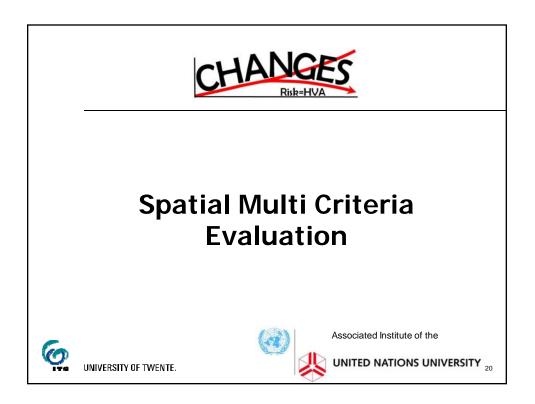


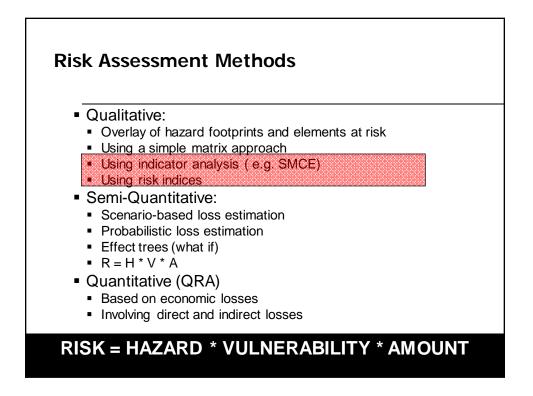


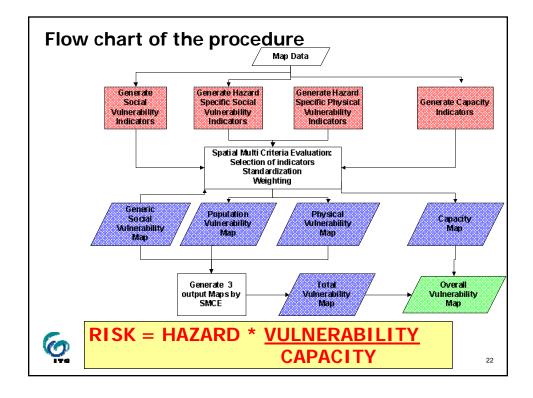


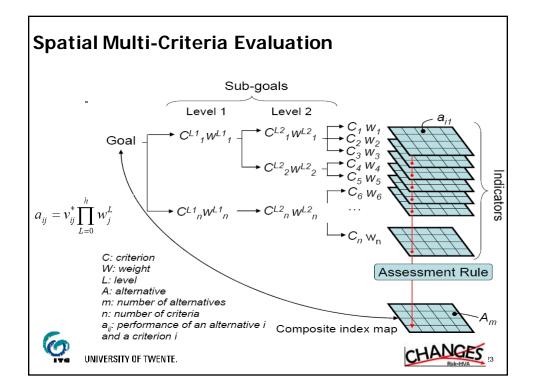


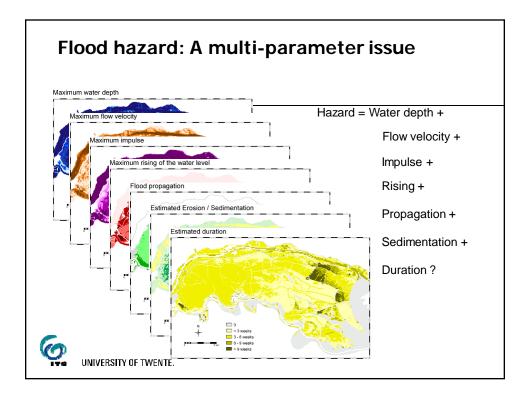


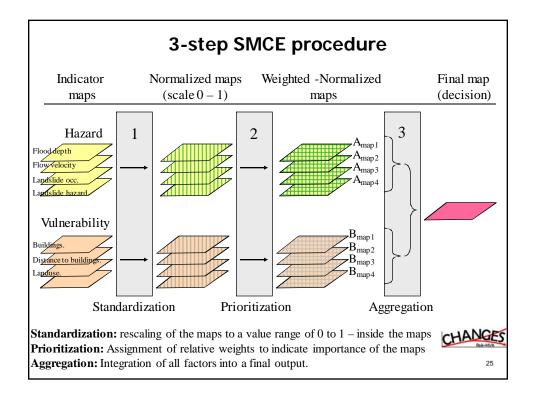


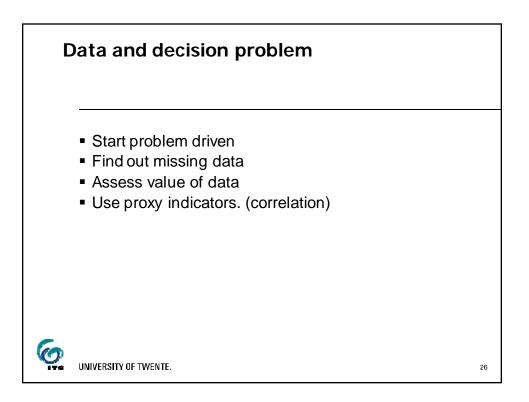


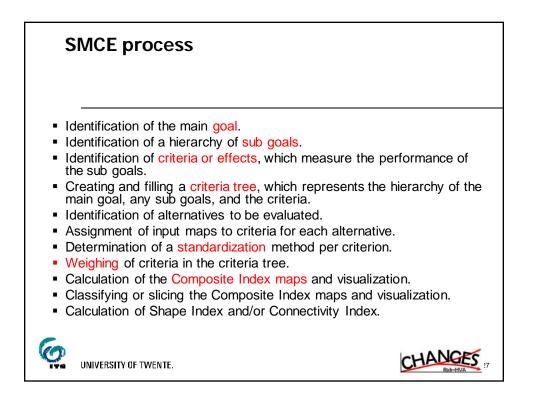


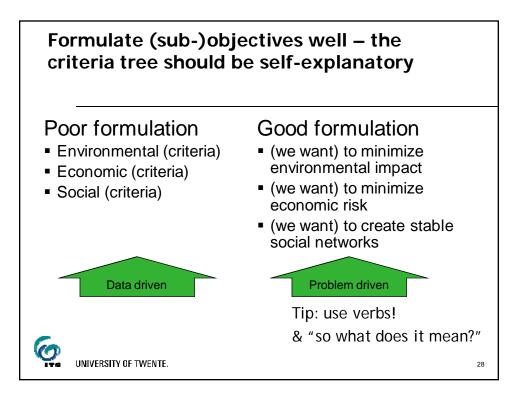


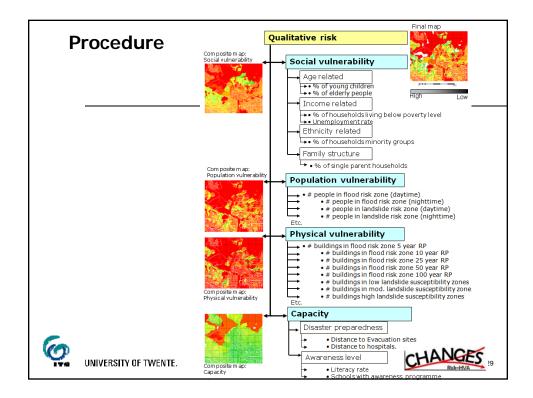


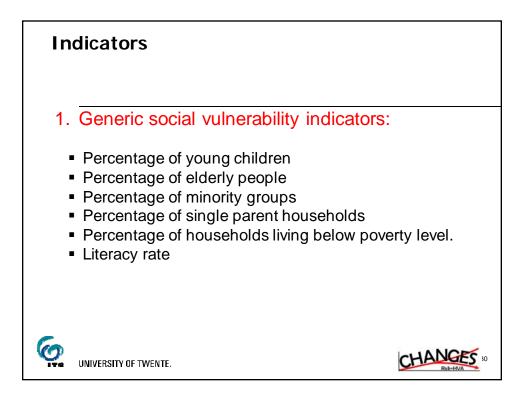


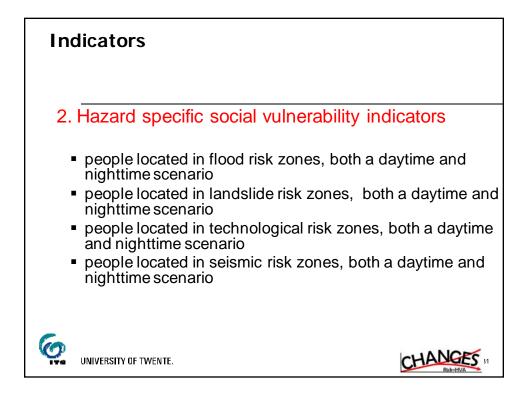


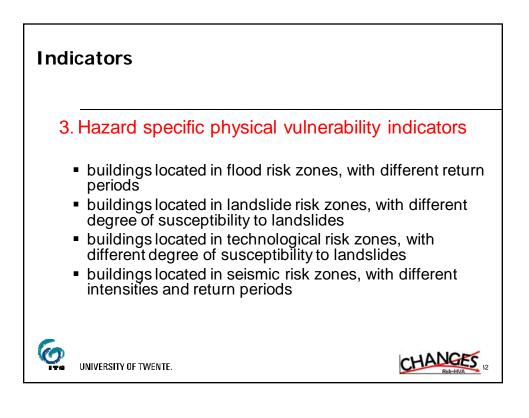


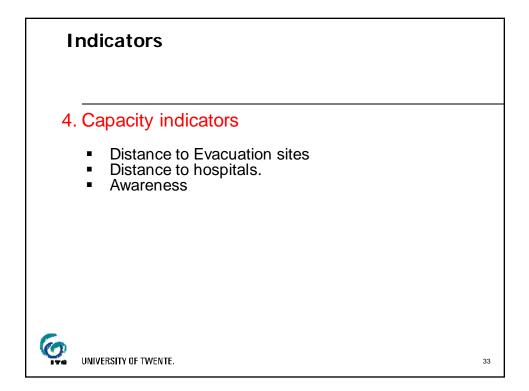


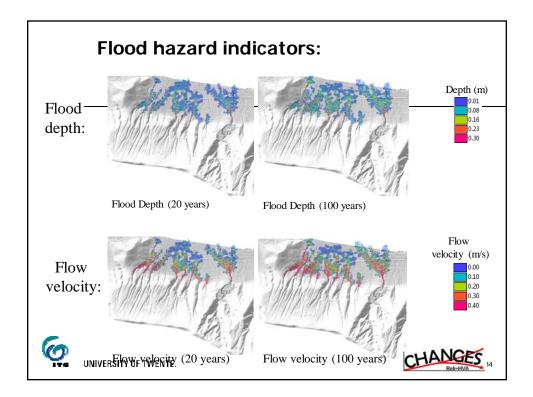


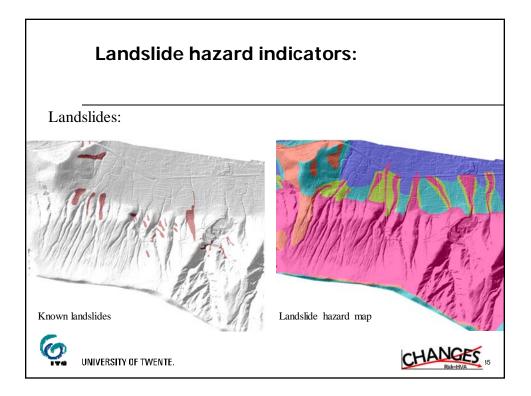


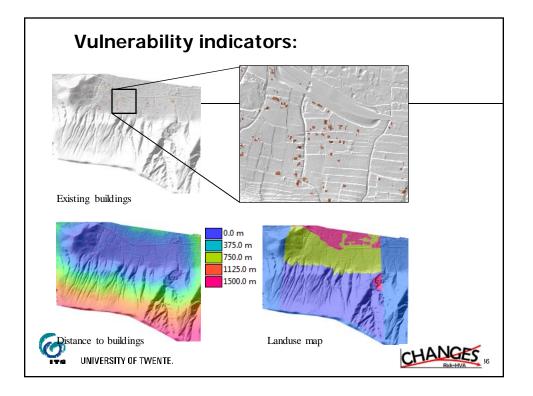


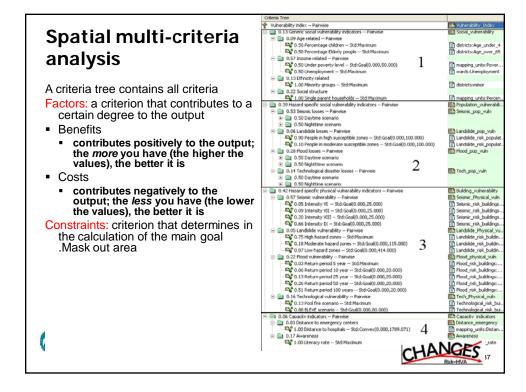


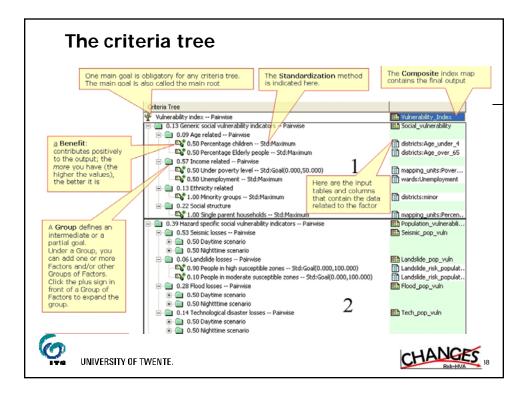


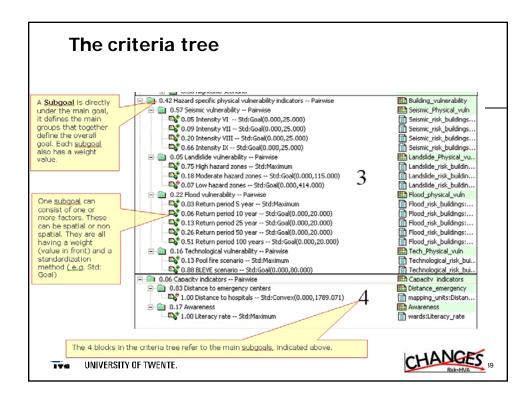


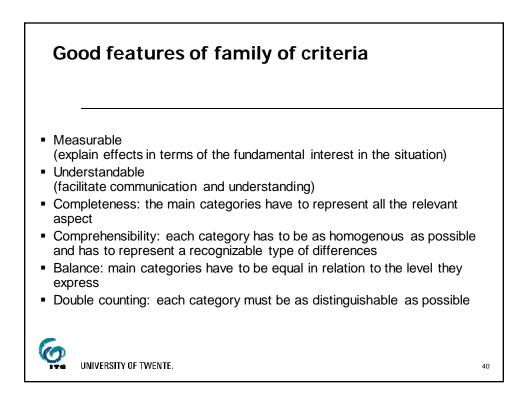


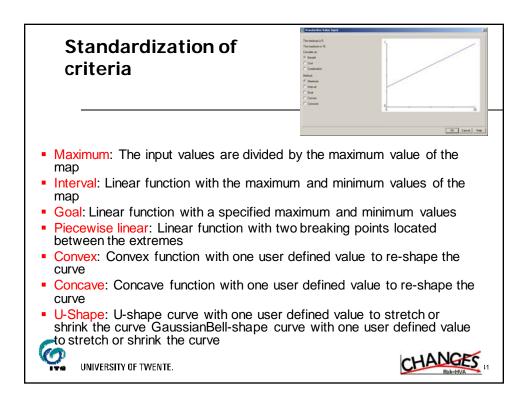












| How to select weights? | Durrent comparison Current comparison: Comparison Progress: | | | | | |
|--|---|--|--|--|--|--|
| | Clubs Nexts Cancel Help | | | | | |
| Direct estimation by expert The user has to specify weight values him/herself. These user- defined weights are automatically normalized Pair-wise comparison With a pairwise comparison matrix, each variable (or criterion) is compared to all others in pairs in order to evaluate whether they are equally significant, or whether one of them is somewhat more significant / better than the other for the goal concerned | | | | | | |
| Ranking method the criteria and variables are simply ranked according to their importance as landslide controlling factors Source: ILWIS Multi Criteria Evaluation | | | | | | |
| | CHANGES 12 | | | | | |

