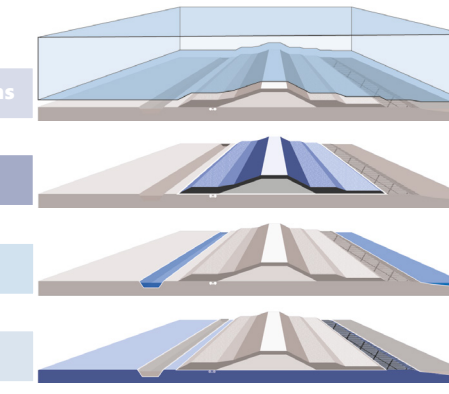




|                                |  |                                     |  |                     |  |                              |  |                               |  |                                 |  |                            |  |                                 |  |                                 |  |                                 |  |                         |  |                         |  |                         |  |                         |  |                          |  |                          |  |                            |  |                           |  |                           |  |                    |  |                      |  |                      |  |                       |  |                        |  |
|--------------------------------|--|-------------------------------------|--|---------------------|--|------------------------------|--|-------------------------------|--|---------------------------------|--|----------------------------|--|---------------------------------|--|---------------------------------|--|---------------------------------|--|-------------------------|--|-------------------------|--|-------------------------|--|-------------------------|--|--------------------------|--|--------------------------|--|----------------------------|--|---------------------------|--|---------------------------|--|--------------------|--|----------------------|--|----------------------|--|-----------------------|--|------------------------|--|
| Moderate Safety Predictions    |  | Extreme Safety Predictions          |  | Available Knowledge |  | Available Funds              |  | Available Space               |  | Stakeholder Involvement         |  | Dealing with Uncertainties |  | W. Management Authority         |  | Existing Projects               |  | Project Influence               |  | GDP Purchasing Standard |  | Urbanized Regions       |  | W. Management Relations |  | D. Management Relations |  | Trust in Governance      |  | Trends in Adaptiveness   |  | Citizen Engagement         |  | W. Management Integration |  | Spatial Planning Distance |  | Water Use Autonomy |  | Water Use Efficiency |  | Waste Water Capacity |  | Power Plant Water Use |  | Water Dependent Region |  |
| Form of the Dikes              |  | Location Placement                  |  | Scalar Dike Impact  |  | Dike bodies Up & Downstream  |  | Safety Failure Mechanisms     |  | Distribution Failure Mechanisms |  | Water Retention Function   |  | Water Distribution Function     |  | Biodiversity Impact             |  | River Flow Impact               |  | Societal Impact         |  | Economic Impact         |  | Flexible Use            |  | Area of Protection Zone |  | Frequency of Maintenance |  | Knowledge of Maintenance |  | Materials for Construction |  | Dike Systems              |  | Rhine Riverbanks          |  |                    |  |                      |  |                      |  |                       |  |                        |  |
| Change in High-Low Flow (2050) |  | Uncertainty in High-Low Flow (2100) |  | Low Flow Drought    |  | Quantitative Water Discharge |  | Water Distribution Mechanisms |  | River Hierarchy                 |  | River Measurements         |  | Grains of the Rhine             |  | Sedimentation Materials         |  | River Angles & Erosion Patterns |  |                         |  |                         |  |                         |  |                         |  |                          |  |                          |  |                            |  |                           |  |                           |  |                    |  |                      |  |                      |  |                       |  |                        |  |
| Lithological Depositions       |  | Soil Moisture Levels                |  | Soil Sealing        |  | Groundwater Recharge         |  | Aquifer Conductivity          |  | Aquifer Vulnerability           |  | Extreme Flood Scenarios    |  | Metereological Drought (Summer) |  | Metereological Drought (Winter) |  | Surrounding Water Bodies        |  | Slope Indications       |  | Effective Precipitation |  |                         |  |                         |  |                          |  |                          |  |                            |  |                           |  |                           |  |                    |  |                      |  |                      |  |                       |  |                        |  |

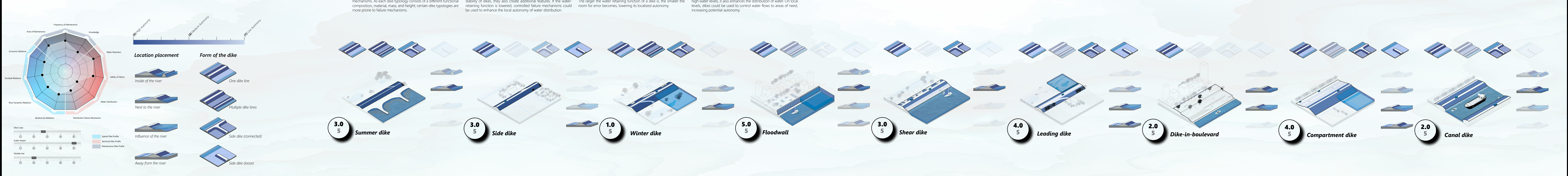
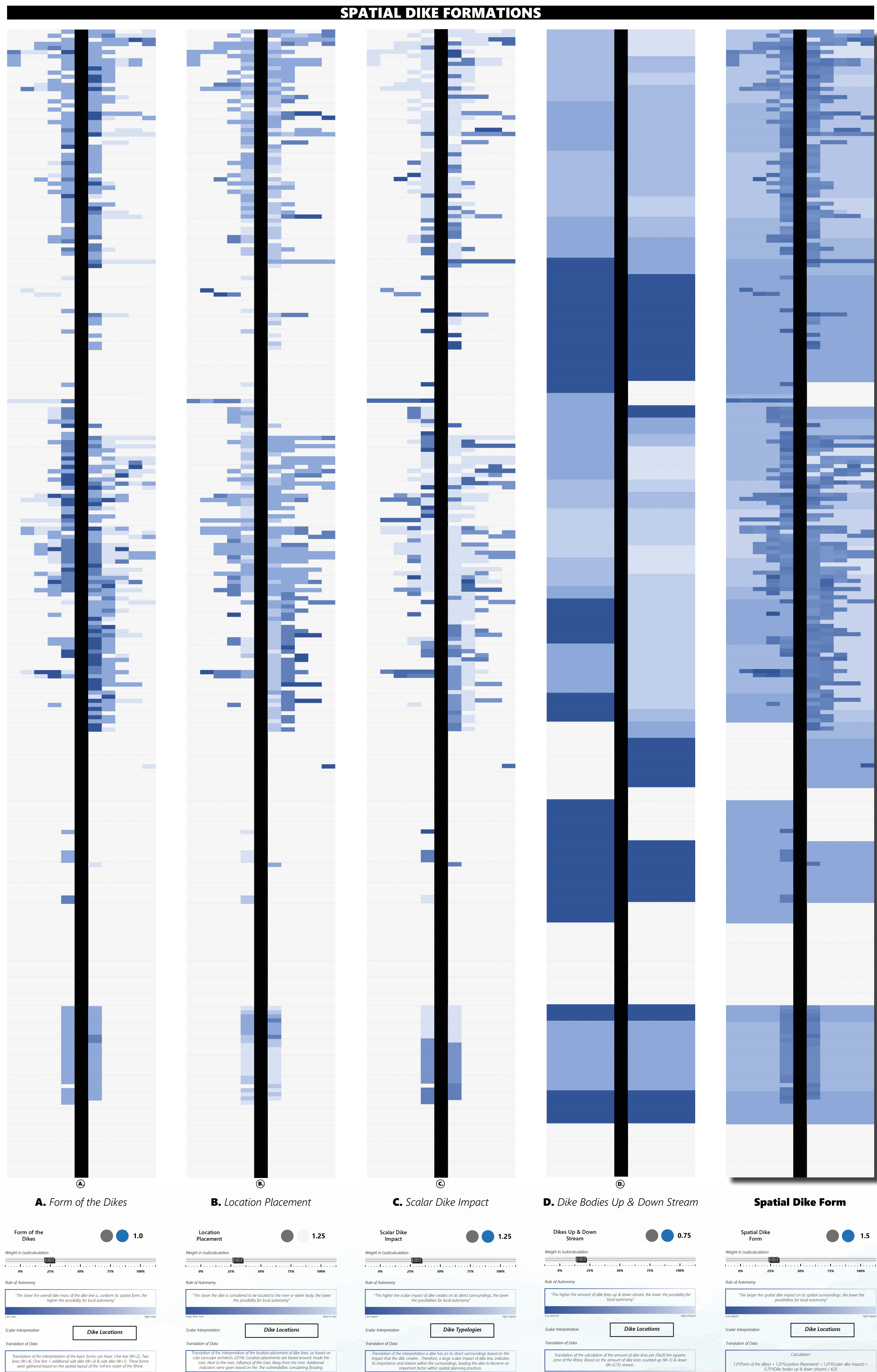
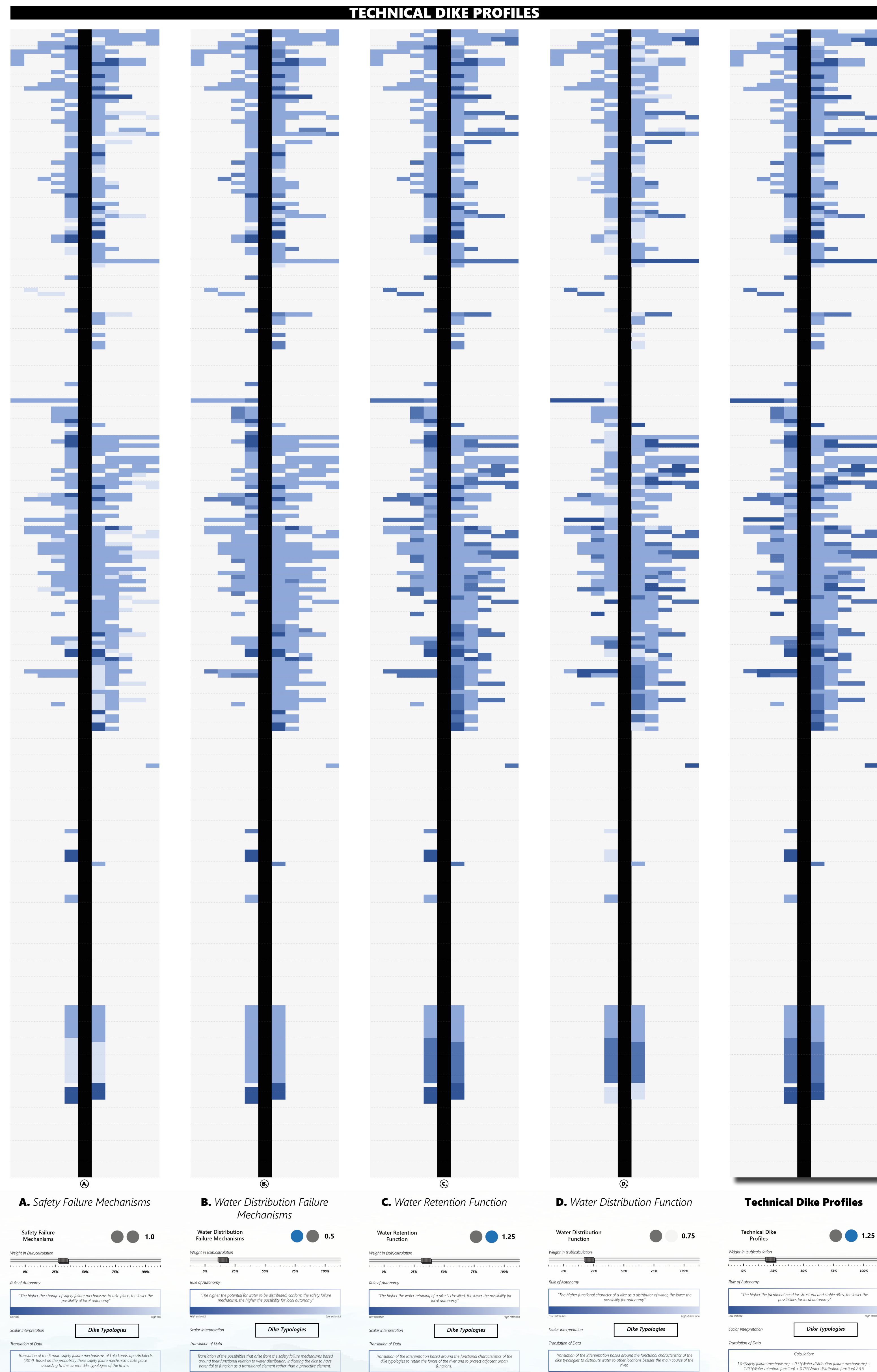
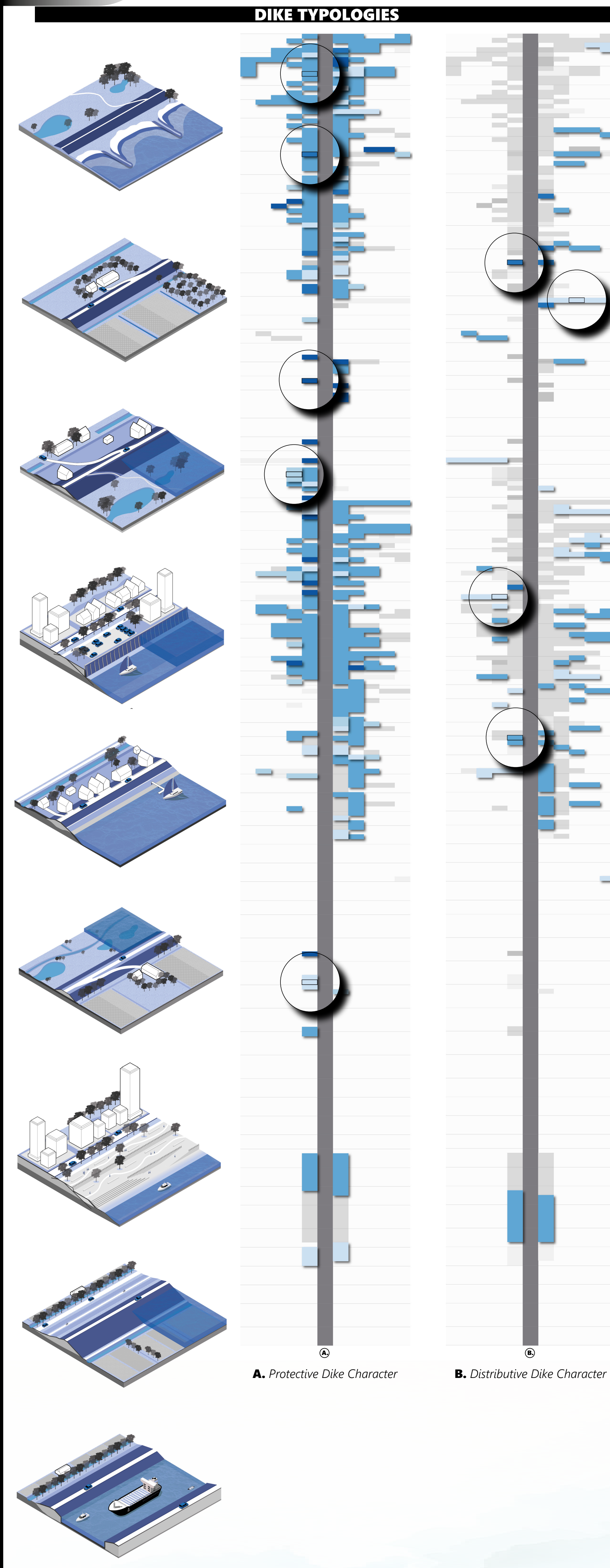
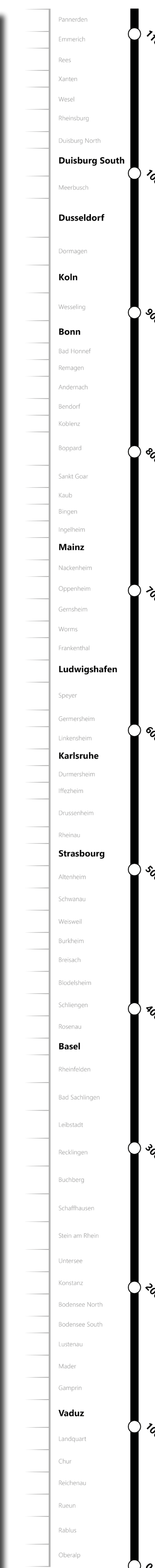


SUBCALCULATION

THE RHINE LINE

AUTONOMY INDICATORS

DIKE TYPOLOGIES



Endung Common Water  
Engineering Institute of the University of Applied Sciences  
Rhine Line Project  
The Rhine Line Project is a joint project of the University of Applied Sciences and the Rhine Line Project.  
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