



Risk Terrain Modeling Key Concepts

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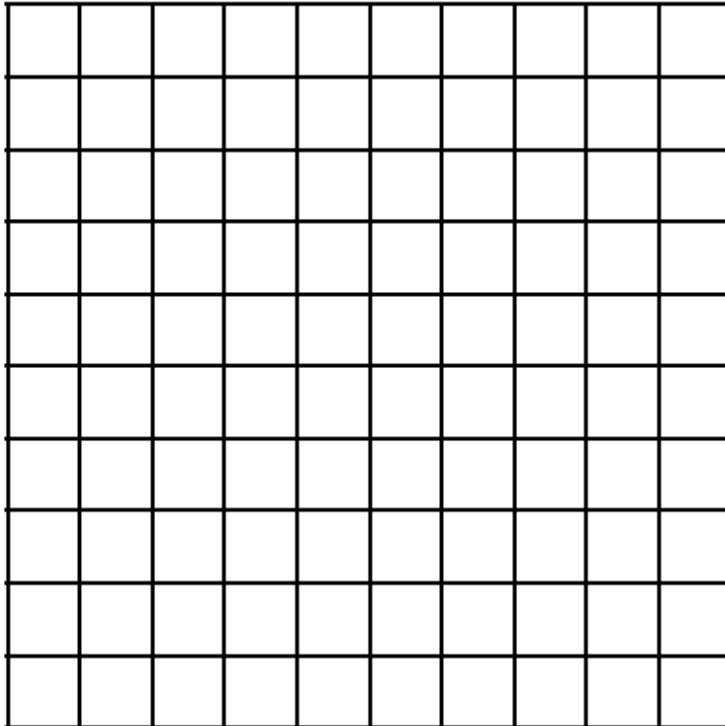
RISK

- A consideration of the probabilities of particular outcomes



TERRAIN

- A study extent of equally sized cells



MODELING

- Attributing qualities of the real world to places within a terrain



SPATIAL INFLUENCE

- The way in which features of an environment affect behaviors at or around the features themselves.
- It's the measurable link between features of a landscape and their impacts on the way people use space.



SPATIAL INFLUENCE

Some people may prefer to avoid these areas, while motivated offenders may be attracted to them.



OPERATIONALIZE SPATIAL INFLUENCE

- Density of features.
- Distance from features.
- "...points, lines, and polygons that define vector objects do not have naturally occurring counterparts in the real world."
—Couclelis (1992: p.66)
- Map the spatial influence of environmental features in a way that reflects the actors' views

