



CRYSTALLIZATION ANALYSIS

Settlement Pattern: Nucleation & Growth

Spatial Statistics (2021):

- Clusters: 303
- Avg Size: 328
- Moran's I: 0.127
- Type: Random
- Coverage: 48.4%

Temporal Evolution:

- Growth: 3.1%/year
- Nucleation: 1.3/year

Physics Insights:

- Reaction-diffusion dynamics
- Self-organizing patterns
- Spatial autocorrelation
- Multi-scale structure

