

Project 1 Topics**LA 567 Fall 2009**

| Peer teaching topics | | | | | | |
|------------------------------|-----------------|--|--|--|--|--|
| 1. ModelBuilder | John | | | | | |
| 2. Density | | | | | | |
| 3. Distance | Barry | | | | | |
| 4. Cost surfaces | Clint | | | | | |
| 5. Extraction/generalization | | | | | | |
| 6. Interpolation | James | | | | | |
| 7. Focal functions | Alyson | | | | | |
| 8. Local functions | | | | | | |
| 9. Zonal functions | | | | | | |
| 10. Hydrologic functions | Pramod | | | | | |
| 11. 3D surfaces | Emily or Shane | | | | | |
| 12. Networks | Allen | | | | | |
| 13. Landscape change | Chris | | | | | |
| 14. Geostatistics | | | | | | |
| 15. Pattern analysis | Jason | | | | | |
| 16. Cluster analysis | | | | | | |
| 17. Geographic relationships | Andrew | | | | | |
| 18. Surface (contours) | Noha | | | | | |
| 19. | | | | | | |
| Types of GIS models | | | | | | |
| A. Descriptive | Jason and Shane | | | | | |
| B. Prescriptive/predictive | John | | | | | |
| C. Stochastic | Pramod | | | | | |
| D. Deterministic | Chris | | | | | |
| E. Holistic | Clint | | | | | |
| F. Atomistic | Barry | | | | | |
| G. Heuristic | Allen | | | | | |
| H. Algorithmic | Alyson | | | | | |
| I. Static | James | | | | | |
| J. Dynamic | Andrew | | | | | |
| K. Inductive | Emily | | | | | |
| L. Deductive | Noha | | | | | |
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