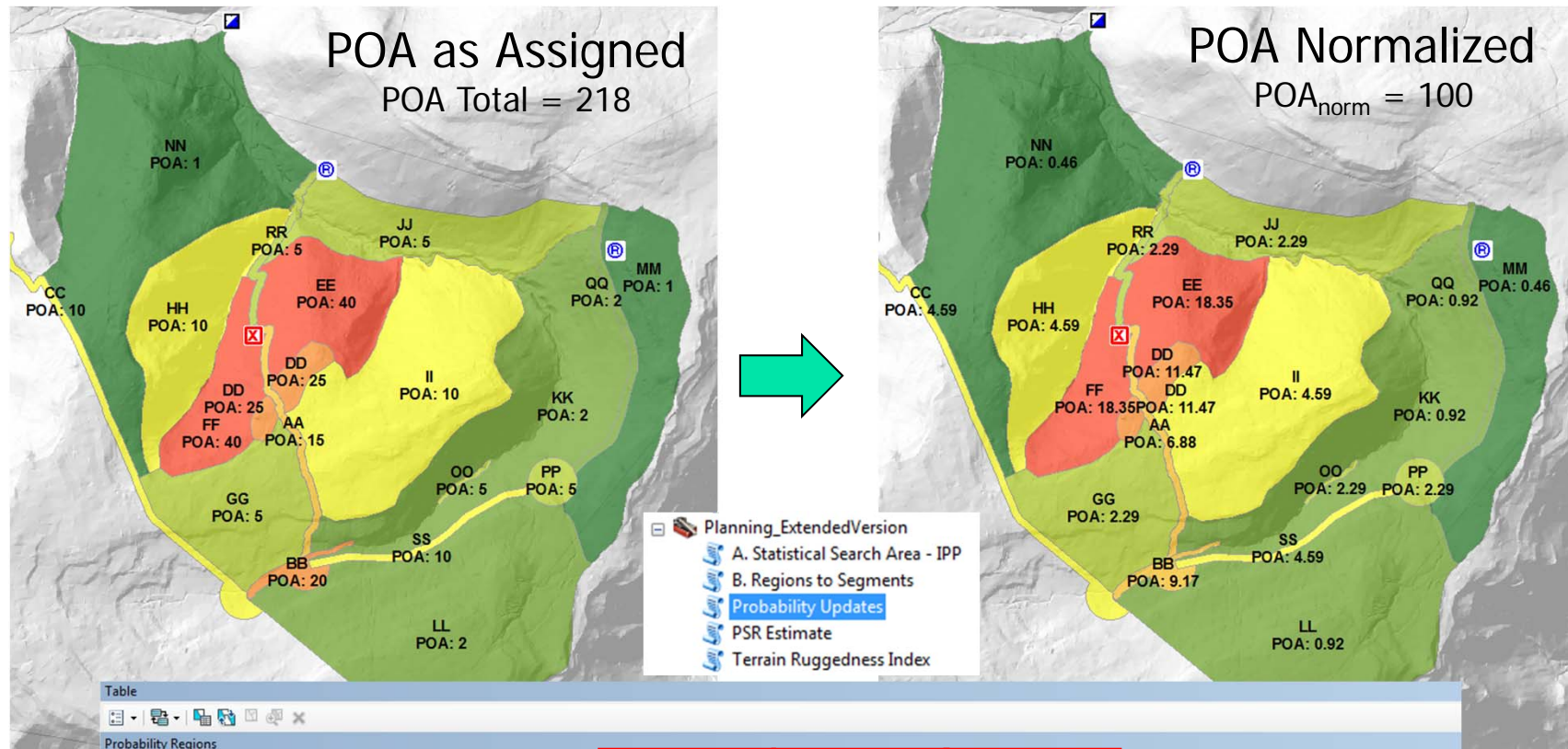


# IGT4SAR Probability Distribution



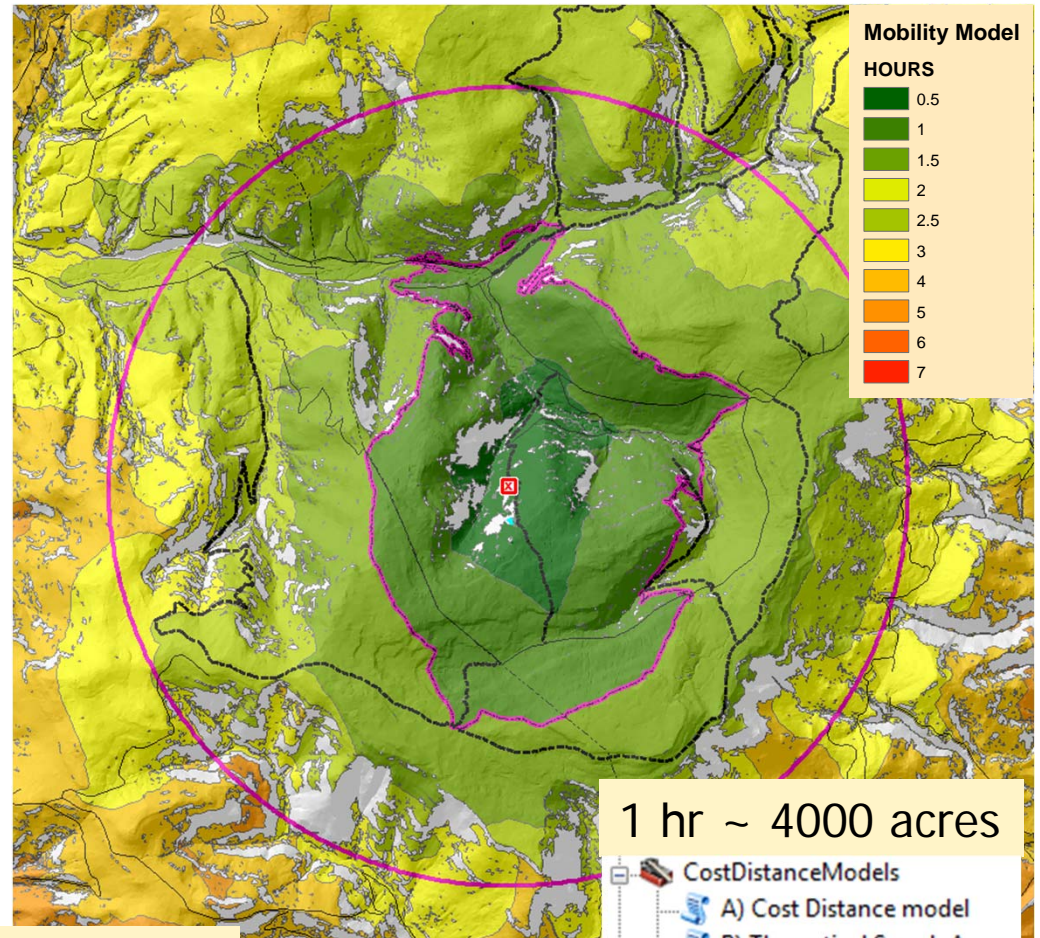
Scenario_Number	Region_Name	Area	POC Assign	POC (Initial)	POC cumulative	Pden	POScum_Responsive	PC
On trail / road: Continued on Boar's Nest Trail - South. Turned R or L at FS 70 intersection. Wandering on trail	AA	34	15	6.88	6.88	0.402	0	
Off trail/road: Subject missed a "decision point" and is just off trail (75% Track Offset = 22 meters).	BB	29	20	9.17	9.17	0.316	0	
On trail / road: Continued on								



## 4. Theoretical Search Area – Mobility Model

- Considers the influence of terrain features on walking speed

- ⊕ Slope (up vs down)
- ⊕ High slope (impassable)
- ⊕ Travel aides
  - ⚡ Roads, Trails, Utility ROW
- ⊕ Travel barriers
  - ⚡ Streams (based on size), large bodies of water and fencelines (real or virtual)



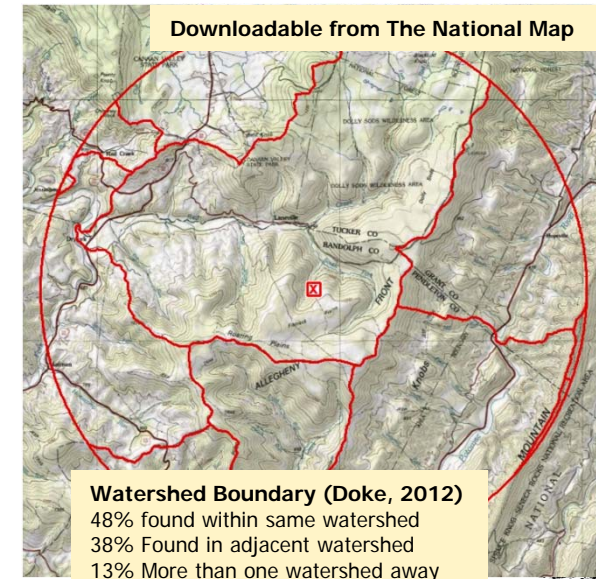
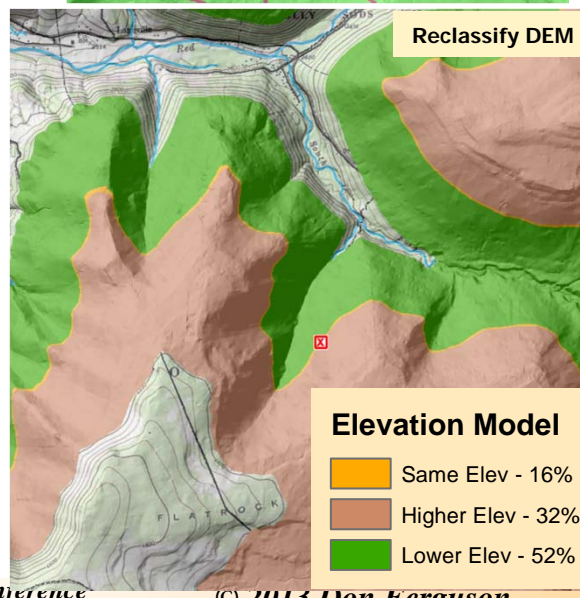
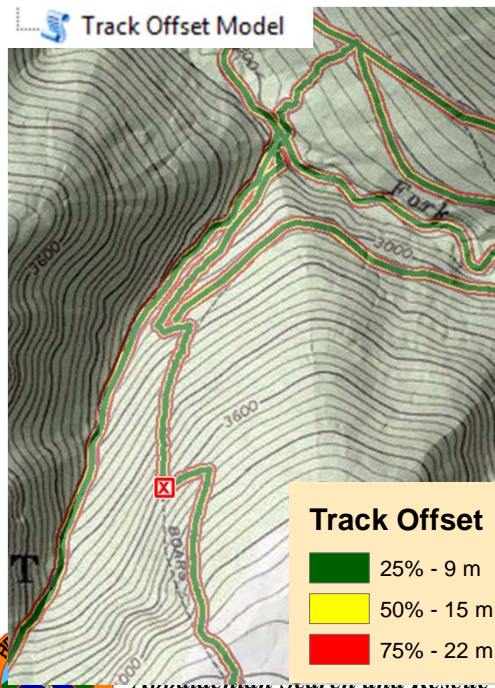
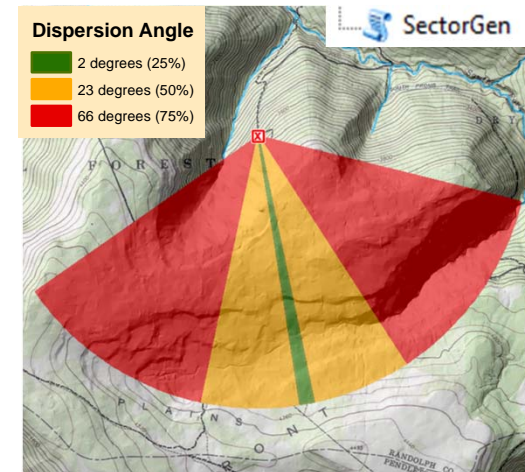
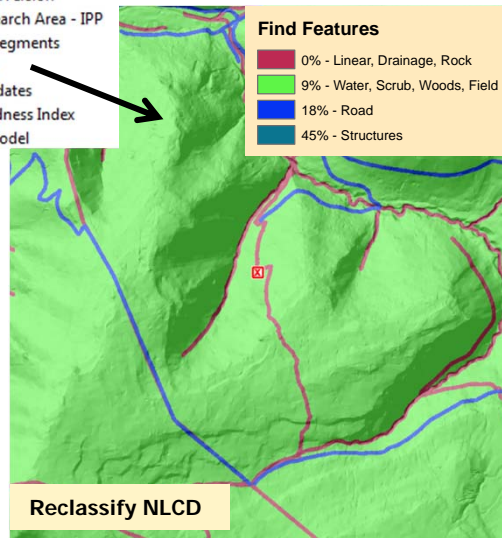
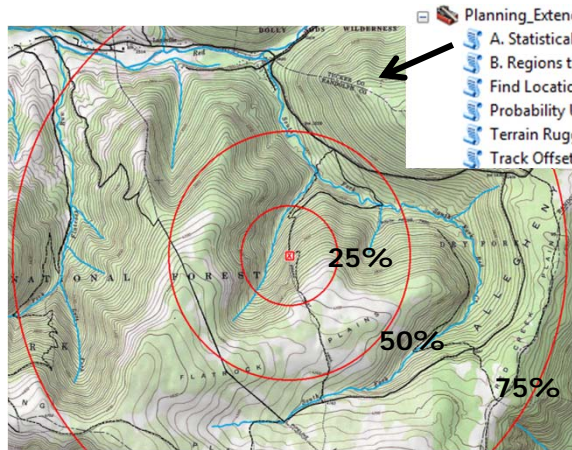
- How does this relate to the Timeline?
- Can also be used to determine PSR

POD: 63%  
40 hours





## 5. LPB Models - Statistical Search Areas (Koester, 2008)



# Questions?

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