

## Rahvastiku ajalis-ruumiline käitumine ja selle visualiseerimine GIS-vahenditega

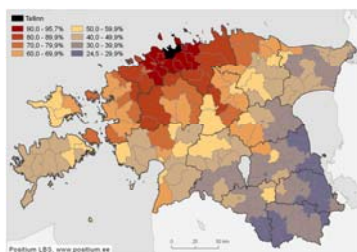


Anto Aasa  
geograafia osakond  
Tartu Ülikool

## Plaan:

- Rahvastiku paiknemine
- Inimeste teekonnad
  - 3D
  - Animatsioonid
- ArcGIS = graafikute koostamise keskkond

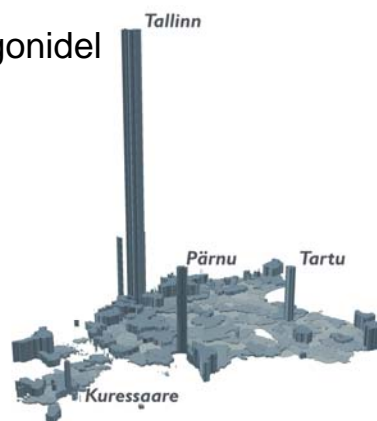
## Andmed polügonidena



Tallinnas viibinud eestimaalaste osakaal

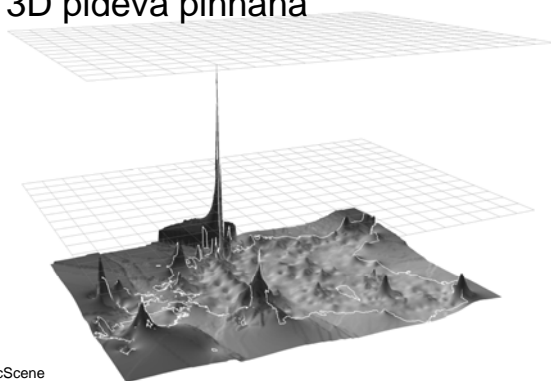
ArcMap

## 3D polügonidel



ArcScene

## 3D pideva pinnana

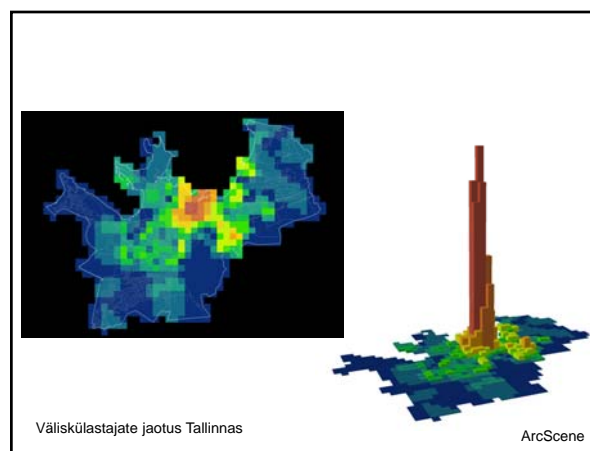
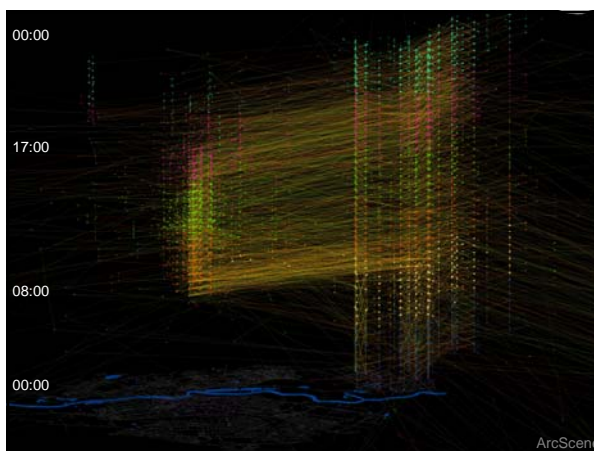
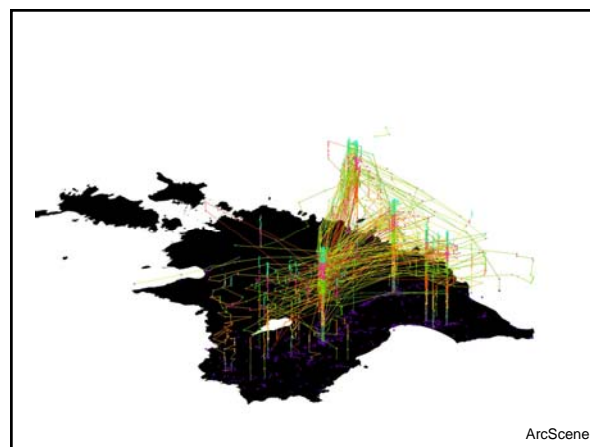
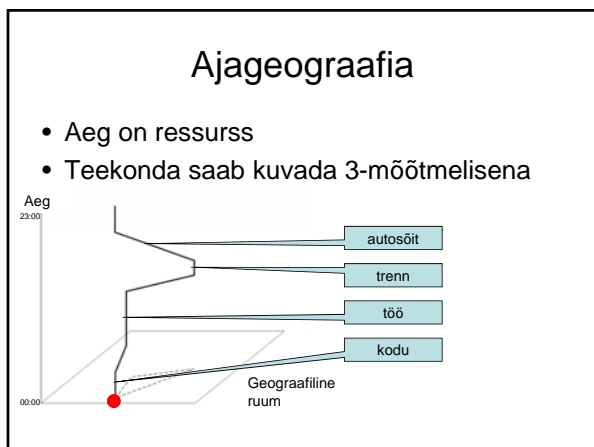
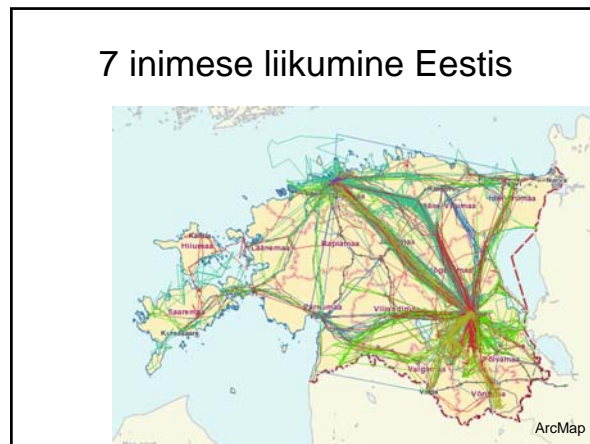
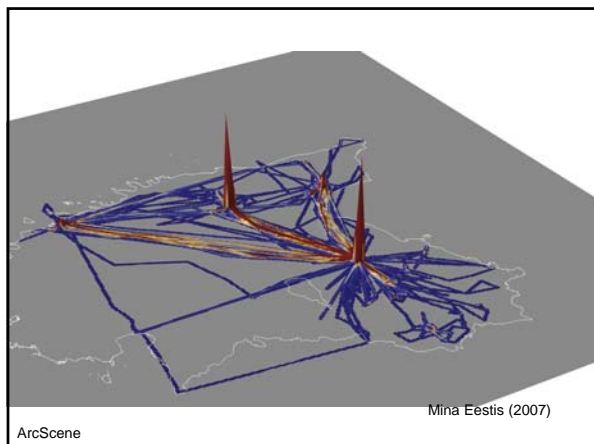


ArcScene

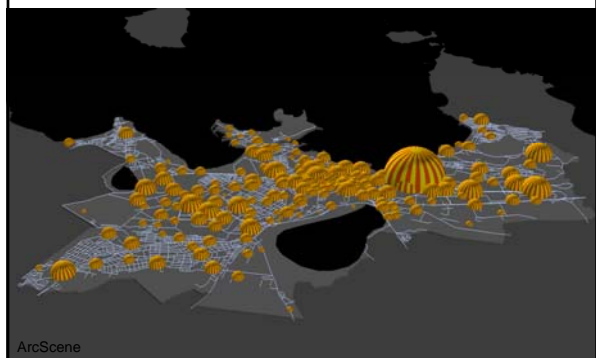
## Teekondade analüüs



ArcMap



## Laulupidu, 2006



## Animatsioonid

- Parem ülevaade
- Ajakomponent
  - muutused

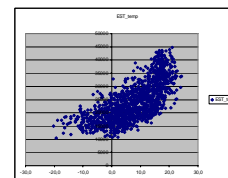
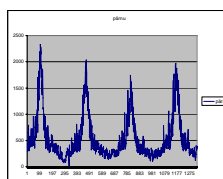
- [Animatsioon](#)

– <http://www.youtube.com/watch?v=JijR1tvevJY>



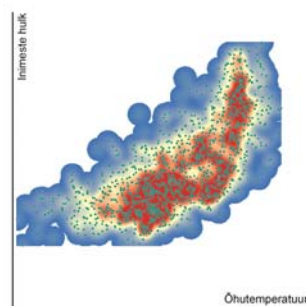
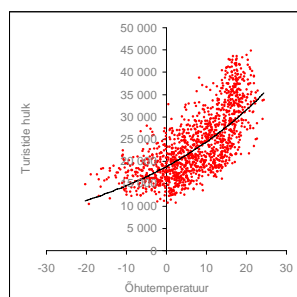
## ArcGIS kui paindlik graafikakeskkond

- Aksiom: graafikud tehakse Excelis

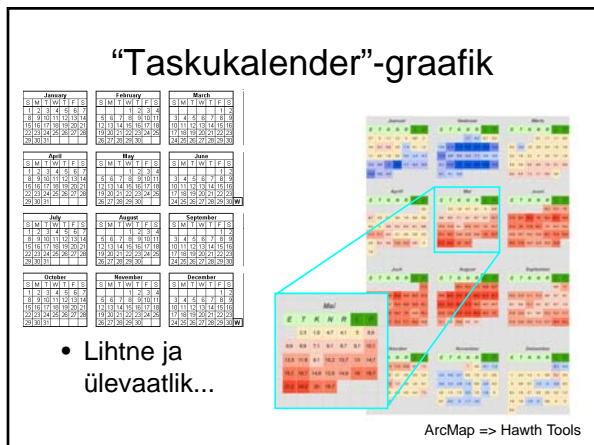
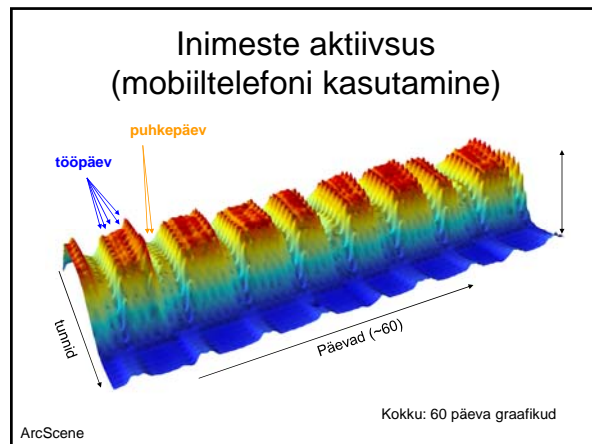
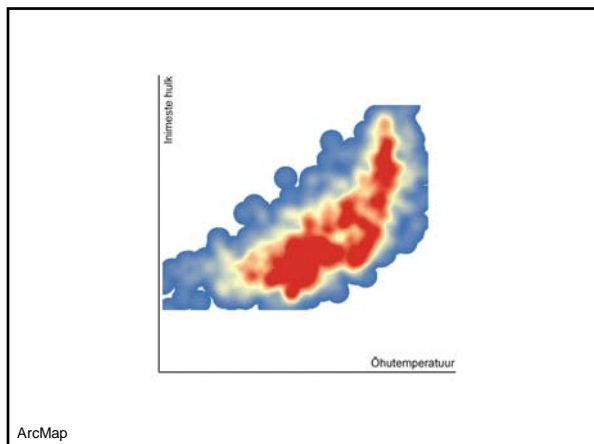


## Turistide hulga ja õhutamperatuuri vaheline seos

- Excel...
- Mida soojem, seda rohkem turiste
- (punktid kuhjuvad üksteise otsa)



ArcMap



Aitäh!

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