

WG3

Documentation for ENRAM [Working Group 3: Visualizing spatio-temporal patterns of animal movement](#).

Visualization tools

| Tool | Type | Cost | 2D/3D | Animations | Geospatial analysis | Statistical analysis |
|---|-------------|-------------------------|--------------|-------------------|----------------------------|-----------------------------|
| CartoDB | web | free/€ (open source) | 2D | yes | yes | no |
| R | desktop | free | 2D | yes | yes | yes |
| Image Based Flow Visualization (IBFV) | desktop | free | 2D | yes | | |
| IBFV for curved surfaces | desktop | free | 3D | yes | | |
| CommonGIS/V-Analytics/Space-Time Cube | desktop | free/€ | 2D/3D | yes | yes | |
| 3D Weather Radar Visualizing | desktop | € | 3D | yes | | |
| eScience Lab | web | | | yes | no | no |
| Matlab | desktop | € | proprietary | yes | yes | yes |
| Google Earth | desktop | free | 3D | yes | no | no |
| QGIS | desktop | free (open source) | 2D | yes | yes | yes |
| ArcGIS | desktop | € | 2D | yes | yes | yes |
| Earth (visualization) | web | free (open source) | 3D | yes | no | no |
| Meteo Earth | mobile app | € | | 2D | yes | |