

EcoFlyer: Visualizing Geo-referenced Data

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UMass Boston

- Computer Science Department
 - Focus on applied research
 - Data mining, Data bases,
 - Metadata, XML standards
 - Teaming with Biology Department
 - Environmental Infomatics

The Customer

- Elected officials
- Watershed associations
- Affected citizens
- Schools

Non-experts of all types

EcoFlyer

- Provide relevant geo-referenced data in a more understandable format
- Require Low cost hardware platform
 - PC with 3D graphics card, etc.
- Enable redistribution via Open Source

Demo Description

- Flying in Monterey Bay
 - Data from Monterey Bay Aquarium Research Institute
- Open Source
- Java/OpenGL
 - Highly cross platform
- Sun's JCanyon serves as base

Insert Demo Here!

Always Seeking Data

- Ocean or land based interesting data sets
 - High density, quality, lay recognition
- Data from any field welcome
 - Previous work includes planetary mapping and x-ray data analysis
 - Searching for the scientific data processing killer app