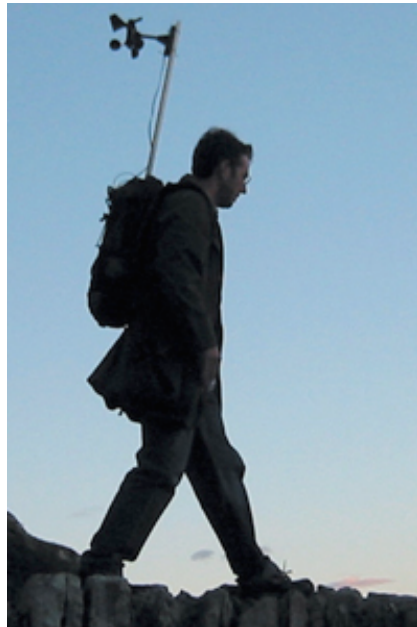


# Strohecker Associates

Sensing capabilities once available only to a few scientists and professionals are now becoming widely available, pointing to changes in education, health care and environmental awareness.

[www.stroheckerassociates.com](http://www.stroheckerassociates.com)



Emerging Technologies:

smaller, cheaper sensors; mobile devices with greater memory, power, bandwidth and functionality

## Nature Trailer

### *Location-sensitive guide and stories*

Media Lab Europe, Ireland 2002-2005; Gaelic Arts / Highlands & Islands Enterprises, Scotland 2005-2006  
Donovan, B.; Strohecker, C.- MLE Everyday Learning / Wood, A.; Davenport, G.- MLE Story Networks

*For further information see:*

<http://www.carolstrohecker.info/ProjectPages/natureTrailer.html>

**A sensor-equipped backpack** detects wind, sunlight and moisture conditions around an outdoor trail. A handheld device shows the sensor readings along with changing locations as you hike. The suite includes Bluetooth, a Global Positioning System module, a compass, a sundial and maps. Narratives rendered in audio play at points of interest along the way.



Later, you can upload a recording of your experience to an accompanying desktop application. It dynamically shows your mapped trail and plays full video versions of the narratives.

Members of Scotland's tourism industry are adapting this research demonstration to assist visitors' learning about history, culture and ecology of the northern parklands.