

Software Excellence for Over 20 Years

Rimpo and Associates specialties include:

Microsoft Silverlight Specialist

Rich Internet Applications (RIA) development is the hot industry buzzword and Microsoft's Silverlight brings that excitement to business applications. RIA is no longer just for flashy websites, it now can be used to give business applications the pizzazz and sparkle they deserve.

SQL Server, WCF, Linq Solutions

Moving data from backend databases, across the wire and handled expertly at the application level has never been easier thanks to Windows Communication Foundation and Linq. Service Oriented Applications can now be developed using these industry standard procedures and tools.

Plug-In, Module Designs

The Smart Client composite application design framework first introduced for Windows Forms development (CAB) has now been revamped for the WPF and Silverlight arena (Prism). These frameworks provide the core for scalable, plug-in applications.

Rimpo and Associates, Inc. offers a full range of software consulting, design, and project development services. We specialize in highly technical, data intensive software designed with robust and easy to navigate user interfaces.

FOR MORE INFORMATION:
www.rimpoandassociates.com

Rimpo and Associates Inc.

Software Solutions

CUSTOMIZED
ENVIRONMENTAL &
ENERGY SOFTWARE

Rimpo and Associates, Inc.

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Proven Solutions Robust Software

Rimpo and Associates, Inc.

Excel Dashboard Using External C# Modules

The Bay Area Air Quality Management District needed a tool that would calculate and report greenhouse gas emission levels for land use development projects. Rimpo and Associates wrote this software as a 15-tab Excel spreadsheet dashboard with enhanced capabilities provided by linking to C# modules for the intensive data calculations.

Carbon Sequestration

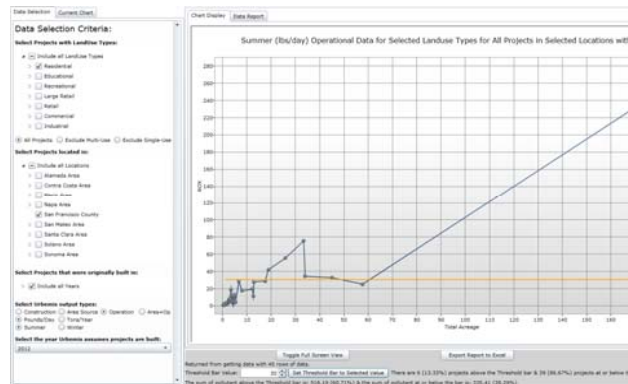
		Project Year							
		2011							
		Emissions (CO2e metric tons/year)							
Gas	Type	Unit of Measure	2010	2011	2012	2013	2014	2015	2016
Carbon dioxide	Total Storage	metric tons	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Carbon dioxide	Annual Increase	metric tons	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Year	Hardwoods			Conifers		
	Fast	Medium	Slow	Fast	Medium	Slow
2010						

www.urbemis.com



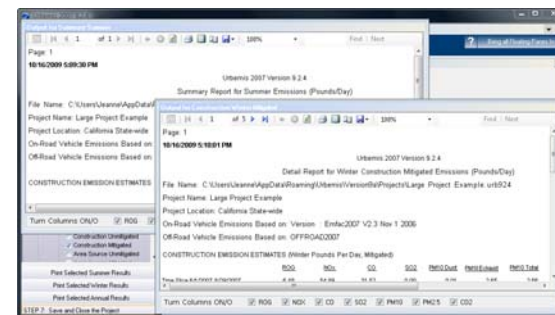
Silverlight Charting Application



Pollutant Threshold Modeling

The Bay Area Air Quality Management District needed data and software to assist them in setting regulations for greenhouse gas emissions. Rimpo and Associates designed and developed a SQL Server database, populated it with data from the CEQANet data repository and made 19,212 runs of Urbemis (all fully automated). Due to the large quantity of data, displaying the results was a challenge. Rimpo and Associates designed and wrote a Silverlight 2 application that lets the user select specific subsets of the dataset to be viewed. The application also provides statistics about the projects that fall below or above a threshold value. A separate Silverlight 2 application allows the Bay Area to add new projects to the database and to make the necessary Urbemis model runs.

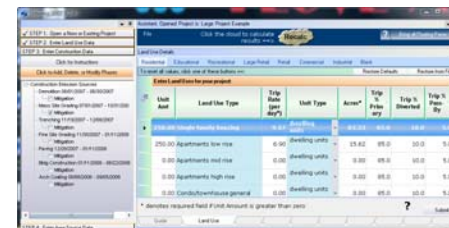
Urbemis Floating Panel Example



Urbemis C#, CAB, Plug-In Module Software

Urbemis is written in C# using Microsoft's Composite UI Application Block (CAB) and Infragistics' Winform controls. The reports are generated with Reporting Services and can be exported to Excel spreadsheets or .pdf files. The program is used in all California air districts and by numerous consultants, cities, counties and state agencies. It is also taught at several universities in California.

Urbemis Data Entry Screenshot



Additional Solutions

For over nine years, Rimpo and Associates wrote and maintained the Admissions and Student Records software for the UCD School of Medicine.

Additional clients have included Bonneville Power Administration, The Northwest Power and Conservation Council and The Gas Research Institute.

Visit www.rimpoandassociates.com for additional information.