



## From the President...

*Iguana, Inc. is pleased to present the first issue of Iguana E-News as an introduction to the company and our software products.*

*Iguana is a new corporation founded to provide application integration tools for transportation managers and planners. Iguana is dedicated to providing products which will further the use of both new and already existing software applications in a user-friendly open systems environment. To this end, products have been or are currently being developed which will provide:*

- *A state of the technology desktop environment to manage and launch legacy applications, (see **IguanaSpace**);*
- *Advancement in adapting existing software and applications to capture the benefits of the Internet and the World Wide Web, (see **IguanaWebWorks**);*
- *Data interchange tools to promote better integration between GIS-based and related data models and transportation management/planning applications, (product to be announced.).*

*Iguana utilizes the Internet as the medium for providing support to our users and project coordination services, as well as, managing internal operations. In the future, we will be making increasing use of the Web to "take the pulse" of the user community and ensure that our directions in terms of product development and focus are delivering the right tools and capabilities to the industry.*

*Iguana views itself as a participant in an ongoing dialogue with its clients and contractors to develop an effective means to meet the current and foreseeable needs of the industry. We look forward to being a useful part of the industry's ongoing challenge of responding to both changing organizational needs and adoption of new technology. We hope to contribute our tools and capabilities to agencies that must find ways to make effective use of these new developments.*

*We look forward to working with you and to hearing your comments and suggestions. Please e-mail us your input or questions.*

*- Ed Granzow*

## Software Products

Iguana software products provide planners with a comprehensive and integrated set of tools for data management and display.

### ▣ **IguanaSpace**

IguanaSpace is Iguana's new desktop manager/interface for Geographic Information Systems (GIS) and transportation management applications. The program provides a complete Windows style environment that can be easily customized to the user's specific needs. Featured as part of IguanaSpace are:

- An easy to configure menu system that allows the user to run Windows and batch programs from the IguanaSpace interface.
- A capability to create and update a list of substitute variables that can be used as parameters in programs being run from the desktop.
- A variable file editor.
- A "Menu Update" mode that allows the user to configure IguanaSpace menus and functionality from within the program.
- Complete online help.

IguanaSpace is designed to simplify the process of working with a number of different applications at the same time. The flexibility to execute most programs from within the interface provides a way for the user to organize access to all applications.

Additional IguanaSpace information on our web site...

- [Detailed Product Description](#)
- [Sample Menus & Screen Captures](#)
- [Process Overview Flowchart](#)

### ▣ **IguanaWebWorks**

Iguana is currently developing an alternative interface for our flagship product, IguanaSpace, to support a centralized data and processing model. This interface, called IguanaWebWorks, will allow users to utilize their Web browser to submit travel forecasting and related tasks and receive/view their outputs using appropriate local viewing/updating software. IguanaWebWorks is an optional add-on to the basic IguanaSpace product.

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## Research & Projects

Iguana is actively involved in a number of research/consulting projects and technical committees, and strives to keep abreast of the rapidly evolving transportation planning technologies. Our efforts have generated a number of technical papers, which can be accessed from our web site.

Iguana is currently involved in a study of the City of Belfast, Northern Ireland, sponsored by the United Kingdom academic research councils. This project adopts a comprehensive and integrated approach to the problems and issues of modeling changes in land development patterns; utilization of transport; and domestic and stationary source energy consumption and pollutant emissions. The goal of this effort is to shed light on the interdependencies of these urban activity sectors.

The study is a two-year effort and will be centered around a geographic information system (ARC/INFO), database and application environment incorporating:

- A travel demand model of the Belfast urban region;
- A trip activities/land use spatial reallocation model;
- A model of domestic energy consumption incorporating consideration of fuel type/usage patterns and building form; and
- Economic models of tradeoffs between transport accessibility/energy efficiency and consumer costs.

Iguana is supporting this work through assistance to the research team in study design and planning; and through provision of tools and services to support the conduct of the necessary modeling and research. Iguana will be using the study as an opportunity to extend development of existing products and to perform prototype testing of new development.

The study utilizes IguanaSpace and other Iguana tools to provide an integrated research environment and to provide World Wide Web access to the study server hardware at the University of Ulster in Jordanstown. Iguana is also providing study coordination support through our corporate web site, including e-mail and project file exchange utilities.



## The Iguana Web Site

Iguana is an Internet based company utilizing virtual space both to manage and coordinate our own activities and to support our users. Our Web site includes more detailed product and project information than provided in this newsletter, as well as:

- facilities for online downloading of software for updating and evaluation;
- convenient access to technical support for all of our products;
- links to related sites; and
- E-mail addresses for Iguana staff.

Please visit our site at [www.iguanaware.com](http://www.iguanaware.com) and give us your questions or comments.



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### Software Products (continued from page 1)

For companies and agencies with distributed processing environments, IguanaWebWorks allows consolidated management of key data files and maintenance of a uniform interface for all system clients. This translates to elimination of problems resulting from proliferation of copies of data files, process control files and site-specific interfaces.

IguanaWebWorks is scheduled for release as an installable component of IguanaSpace in April 1998.



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