PNGRIS to Land system

REPPPROT to Land system

Inset scale

0 km   500   1000

N

Category	Code	Land System
Coastal flats (Cf)	Cf1	Coral islands and raised reefs
	Cf2	Littoral flats
	Cf3	Coastal beach ridges and swales
	Cf4	Estuarine flats
Wetlands (W)	W1	Seasonally inundated: swampy plains and terraces
	W2	Wetlands: deep peat swamp
	W3	Wetlands: permanent swamps of inland plains
	W4	Wetlands: permanent swamps on coastal alluvium
	W5	Seasonally inundated: inland plains
	W6	Wetlands: permanent swamps of montane lakes
River valleys (Rv)	Rv1	Minor river valleys
	Rv2	Broad river valleys
	Rv3	Broad river valleys and levee plains
Alluvial (A)	A1	Alluvial complexes
	A2	Alluvial plain with undulating old coastal plains
	A3	Recent coastal plain
Coastal plains (Cr)	Cp1	Partly dissected alluvial fans
	Cp2	Plains and alluvial fans
	Cp3	Undulating old coastal plain
	Cp4	Inland plain with old channels
	Cp5	Inland plain with lakes
Terraces (T)	T1	Low terrace with dissected margins
	T2	Strongly dissected old coastal plains
	T3	Undulating interfluves with broad valleys
Ridges (R)	R1	slope <2
	R2	slope 2 - <5
	R3	slope 5 - <10
	R4	slope 10 - <20
	R5	slope >20
Limestone ridges and plains (Lr)	Lr0	Karst plains
	Lr1	slope <2
	Lr2	slope 2 - <5
	Lr3	slope 5 - <10
	Lr4	slope 10 - <20
	Lr5	slope >20
Acid igneous ridges (Ai)	Ai1	slope <2
	Ai2	slope 2 - <5
	Ai3	slope 5 - <10
	Ai4	slope 10 - <20
	Ai5	slope >20
Ultrabasic (U)	U1	slope <2
	U2	slope 2 - <5
	U3	slope 5 - <10
	U4	slope 10 - <20
	U5	slope >20
Volcanic ridges (Vr)	Vr1	slope <2
	Vr2	slope 2 - <5
	Vr3	slope 5 - <10
	Vr4	slope 10 - <20
	Vr5	slope >20
Alpine peaks (Ap)	Ap2	slope 2 - <5
	Ap3	slope 5 - <10
	Ap5	slope 10 - <20
		slope >20
Lakes (L)	L	Lakes

data not available

GeoRange Total Range Mapping and Analysis Solution

Eagan McAllister Associates Inc.

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Software
ArcGIS Desktop 9.2, ArcGIS 3D Analyst

Printer
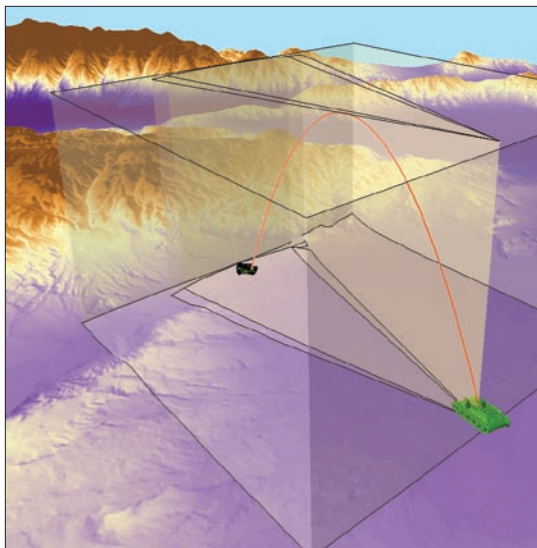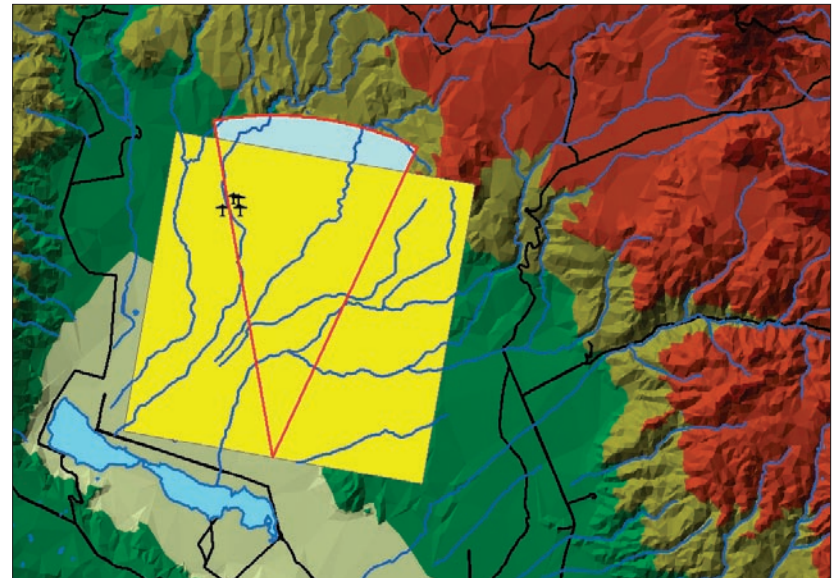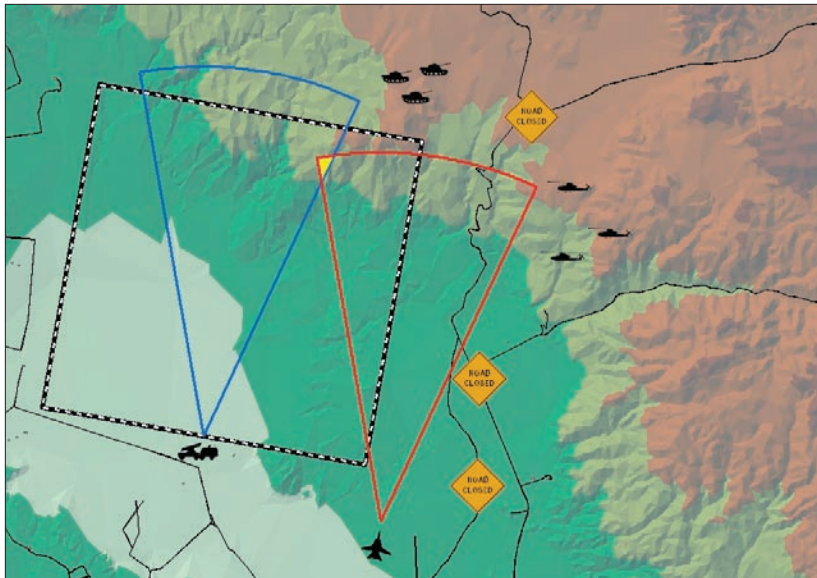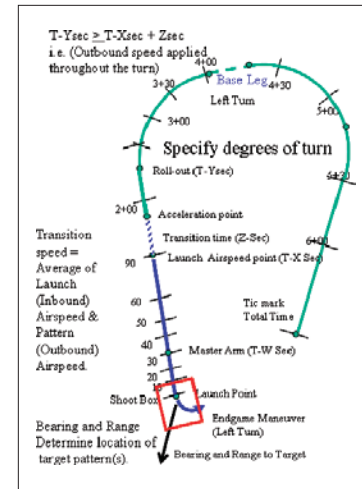Epson Stylus Pro 5000

Data Sources
U.S. Department of Defense, Bureau of Land Management,
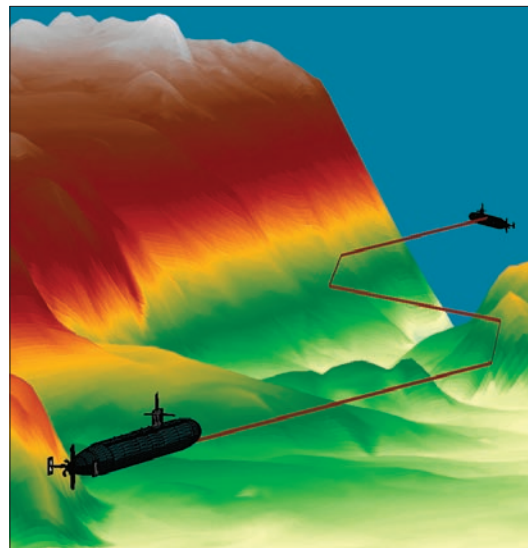U.S. Geological Survey, ESRI, internal data

The U.S. military must frequently test and train to ensure that its weapons systems are used with the highest accuracy and precision. Such tests can be costly and time consuming, but Eagan McAllister Associates' GeoRange, a customized GIS application, helps to reduce the cost of planning these events and to increase the emphasis on safety.

With GeoRange, analysts can create test components in many combinations for a variety of test events, including air-to-air, air-to-surface, surface-to-surface, sub-surface-to-air, and more. When mapping a weapons test event or a training exercise, the analyst can add a target such as a launch point, a flight path, and a weapon danger zone. In addition, equipment used to monitor the test event, such as radars or cameras, can be added.
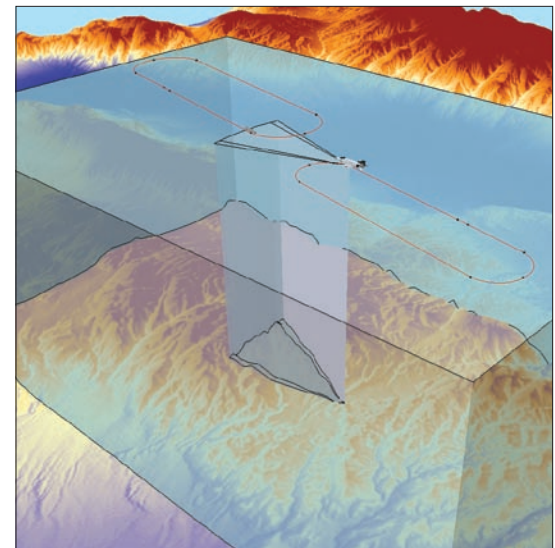
Courtesy of Eagan McAllister Associates Inc.

Land

Sea

Air