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Denise O'Shea

Montclair State University, oshead@montclair.edu

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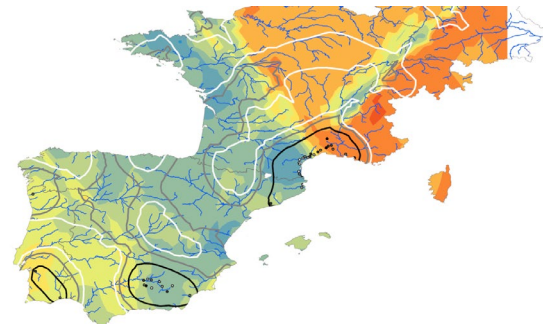
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A geographic information system (GIS) is a powerful tool for understanding geography, enhancing the decision-making process, and managing resources. GIS is used for research, for management, and in the classroom at St. Norbert College.

The St. Norbert College GIS Map Gallery

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DRY CREEK EXPERIMENTAL WATERSHED DATA

Soil Moisture and Temperature Along an Elevation, Pairs-Aspect Transect, Dry Creek Experimental Watershed, SW Idaho, 2008-2018

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Parcel aspect monitoring sites in Dry Creek Experimental watershed, SW Idaho, provide soil moisture and temperature data from four soil pits per each of eight sites for elevation transect. The four aspect transect sites are located at aspect 170°E, 150°E, 102°E, and 102°W meters above ASL, spanning grass-shrub to forested environments within steeply sloped terrain. Data were published here upon 2018 content and will be added through 2019 as these data become available. The eight sites and locations are as follows:

170°E High N-Facing: 43 14807 -118 18086
170°E High S-Facing: 43 17005 -118 17179
150°E Low N-Facing: 43 69025 -118 18859
150°E Low S-Facing: 43 80052 -118 18002
102°E High N-Facing: 43 71710 -118 18239
102°E High S-Facing: 43 7326 -118 18734
102°W High N-Facing: 43 18191 -118 18486
102°W Low S-Facing: 43 75914 -118 18776

Authors:
James S. Boyer, 2008, 2018, 2019, 2020
James S. Boyer, 2008, 2018, 2019, 2020
Michael J. Flanagan, 2008, 2018, 2019, 2020
Tom Smith

DOI: 10.1012/2020.118

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1	type	ident	lat	long	y_proj	x_proj	comment	display	symbol
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6	WAYPOINT	5	44.51379	-69.7928	5198246	2344136	CRTD 18:1	3	18
7	WAYPOINT	6	44.51388	-69.7923	5198269	2344177	CRTD 18:1	3	18
8	WAYPOINT	7	44.51382	-69.7919	5198271	2344205	CRTD 18:2	3	18
9	WAYPOINT	8	44.51417	-69.7914	5198321	2344235	CRTD 18:2	3	18
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GIS Data: New Kent County, Virginia Shoreline Management Model

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Document Type
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Department/Program
Virginia Institute of Marine Science

Publication Date
2018

Abstract
The Shoreline Management Model is a GIS spatial model that determines appropriate shoreline best management practices using available spatial data and decision tree logic. Available shoreline conditions used in the model include the presence or

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