

Thesis CERTIFICATE OF APPROVAL

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STUDENT INFO

Name	BAUMSTARK, Rene D <i>(last name, first name, middle initial)</i>		USF ID# <i>(type numbers only)</i>	U 5076 - 4579
USF College	Arts and Sciences	Degree	Masters - Thesis	Degree Program <i>(i.e. -Chemistry)</i>
Manuscript Title	An Evaluation Of Image Processing Techniques For Mapping Seagrass From IKONOS Satellite Imagery In Springs Coast Florida And Evaluating The Effectiveness Of These Techniques In Replacing Traditional Photo-Interpretation Methods			

PUBLICATION APPROVAL

Student Agreement:

- I hereby certify that, if appropriate, I have obtained and attached hereto a written permission statement from the owner(s) of each third party copyrighted matter to be included in my thesis allowing distribution as specified below.
- I certify that the version I submitted is the same as the final copy approved by my advisory committee.
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Document to be submitted electronically (PDF) and archived under the release option noted on this form. If a restriction has been noted, the publication will be released for worldwide access approximately one year from the date of final approval by the USF St. Petersburg Office of Graduate Studies. Release options include (**Select One - please fill in electronically**):

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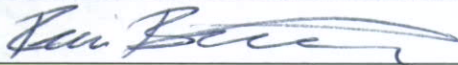


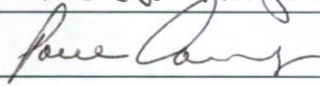
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APPROVAL OF MANUSCRIPT:

Review and Acceptance by Committee and College:


The aforementioned manuscript has been reviewed and approved to meet the thesis requirement by the student's supervisory committee. The undersigned agree to abide by the statements above, and confirm that this Certificate of Approval Form serves as confirmation that the thesis defense has been successfully completed and that the thesis, including the Abstract, is approved and ready for submission and publication through the Office of Graduate Studies.

COMMITTEE / COLLEGE APPROVALS

	Full Name and Degree	Signature – BLUE or BLACK INK ONLY <i>(MUST be signature of person listed)</i>	Date Signed <i>(required)</i>
STUDENT	Rene Baumstark		7/12/11
Co-Major Professor <i>(Click on box, choose applicable)</i>	Barnali Dixon, Phd		7/11/11
Co-Major Professor <i>(Click on box, choose applicable)</i>			
Member	Melanie Riedinger-Whitmore, Phd		7/11/2011
Member	Paul Carlson, Phd		7/11/2011
Member			
Member			

VERIFICATION OF COMMITTEE:

Committee verification by the Associate Dean of the College, or by the Program Director, attests to the accuracy of the committee listed above and of each members signature, and that only the appropriate committee members are signators.

Committee Verification	Mark Pezzo, Phd		7/13/2011
Committee Verification <i>(For Interdisciplinary Students)</i>			