

# The Future of Scholarly Communication is a Web in the Clouds

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# Digital surrogates are just the beginning.

- Born-digital is already here, and it can be very complex
- Received notions of the “artifact” are problematic when applied to digital content
- Social computing, annotations, blogs, etc.
- Any object may participate in any number of contexts
- Scholars and scientists will gather links to resources from many sources.

# The Web is the model for the scholarly record in the future.

- A network of nodes that are units of content, connected by arcs that are relationships
- Scholarship will be adding nodes and arcs to the network
- Increasingly, content will not be sustainable as discrete packages
- We need a web of formally defined content to feed the World Wide Web

the complete writings and pictures of

## Dante Gabriel Rossetti

a hypermedia archive

**T**HE Rossetti Archive facilitates the scholarly study of **Dante Gabriel Rossetti**, the painter, designer, writer, and translator who was, according to both John Ruskin and Walter Pater, the most important and original artistic force in the second half of the nineteenth century in Great Britain. In Whistler's famous comment, "He was a king".

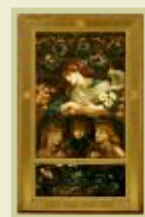
**When completed** in 2008, the Archive will provide students and scholars with access to all of DGR's pictorial and textual works and to a large contextual corpus of materials, most drawn from the period when DGR's work first appeared and established its reputation (approximately 1848-1920), but some stretching back to the 14th-century sources of his Italian translations. All documents are encoded for structured search and analysis. The Rossetti Archive aims to include high-quality digital images of every surviving documentary state of DGR's works: all the manuscripts, proofs, and original editions, as well as the drawings, paintings, and designs of various kinds, including his collaborative photographic and craft works. These primary materials are transacted with a substantial body of editorial commentary, notes, and glosses.

Recent additions to the Rossetti Archive are discussed [here](#).



[home](#)[about the archive](#)[exhibits & objects](#)[search engine](#)[bibliography](#)[nines](#)[Doubleworks Exhibit](#) → [COLLECTION INTRO](#) → [Browse Collection](#)This collection contains [105](#) texts and images, including:

1881 Edition text



Fogg oil

## Scholarly Commentary

### Introduction

*The Blessed Damozel* is DGR's single most important literary work. It constitutes DGR's most important (and evolving) interpretation of his Dantean inheritance. He was involved with it for nearly the whole of his working life: in 1847 he produced the first textual state of the work, a poem that went through a great many subsequent revisions and changes. Then in 1871 he began work on the pictorial rendering of the subject, and he continued to work on studies and different versions of this picture for the next ten years. As a "double work of

# The Blessed Damozel

Dante Gabriel Rossetti

## General Description

Date: 1847-1870

Date: 1871-1881

**Subject:** The foundational Rossettian subject of the emparadised woman is in this case imagined as dreaming downward, as it were, to her lover who remains alive in the world. This imagination of the damozel is here structured as the "dream-vision" of the lover himself.

**Rhyme:** a<sup>4</sup>b<sup>3</sup>c<sup>4</sup>b<sup>3</sup>d<sup>4</sup>b<sup>3</sup>

**Meter:** sestet, iambic; alternating trimeter and tetrameter

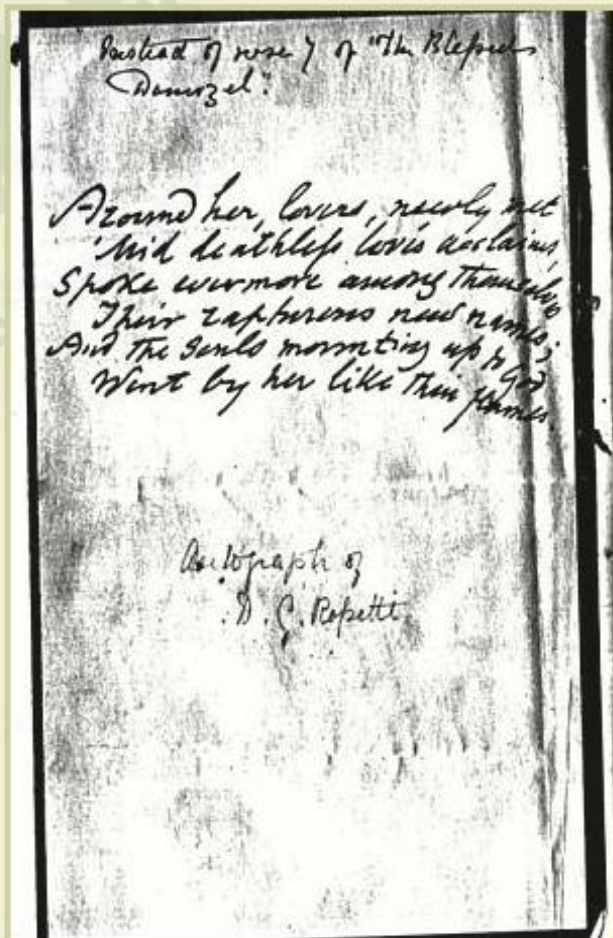
**Genre:** ballad

## Bibliography

There is a vast amount of scholarship devoted to this work. Key documents are:

- ◊ Baum, *"The Blessed Damozel"*.
- ◊ Bentley, "A Young Man's Fantasy".
- ◊ Faxon, *Dante Gabriel Rossetti*, 207-209.

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[page images](#) | [transcript](#)

[Scholarly Commentary](#)

## The Blessed Damozel (1872 autograph MS fragment)

Dante Gabriel Rossetti

### Production Description

Document Title: [untitled]

Author: Dante Gabriel Rossetti

Date of composition: 1872 (circa)

Type of Manuscript: fair copy

Scribe: DGR

### Provenance

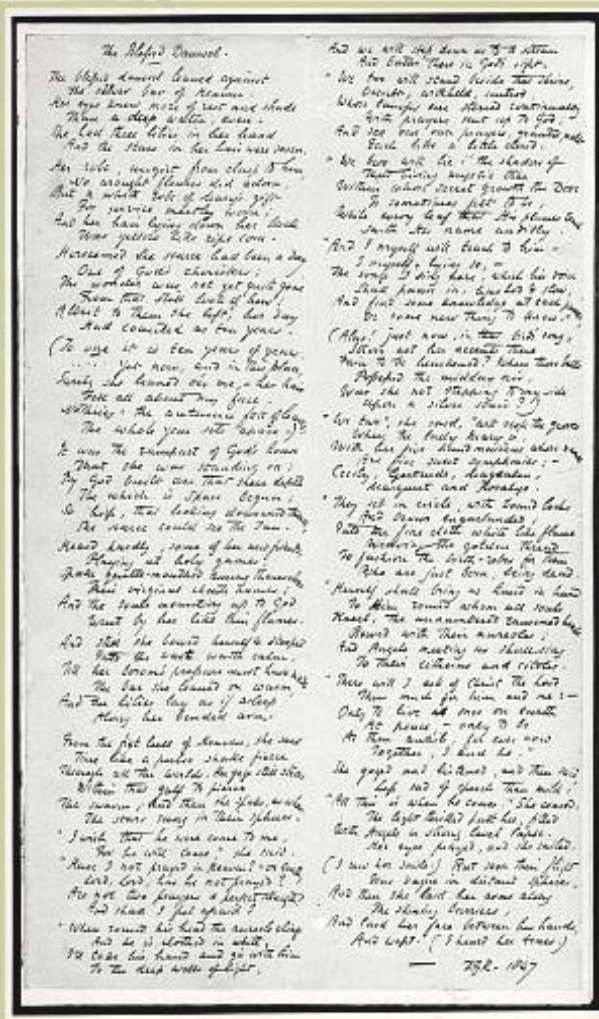
Current Location: Princeton University Library

Catalog Number: AM21395

Note: The manuscript's shelf mark is CO 185.

### Physical Description

Other Physical Features: one small sheet

[Manuscripts Exhibit](#)[Collection Intro](#)[Browse Collection](#)[DOCUMENT](#)[Images](#)[Transcript](#)[page images](#) | [transcript](#)

## The Blessed Damozel (fair copy manuscript)

Dante Gabriel Rossetti

### Production Description

**Document Title:** The Blessed Damsel

**Author:** Dante Gabriel Rossetti

**Date of composition:** 1855 September

**Type of Manuscript:** fair copy

**Scribe:** DGR

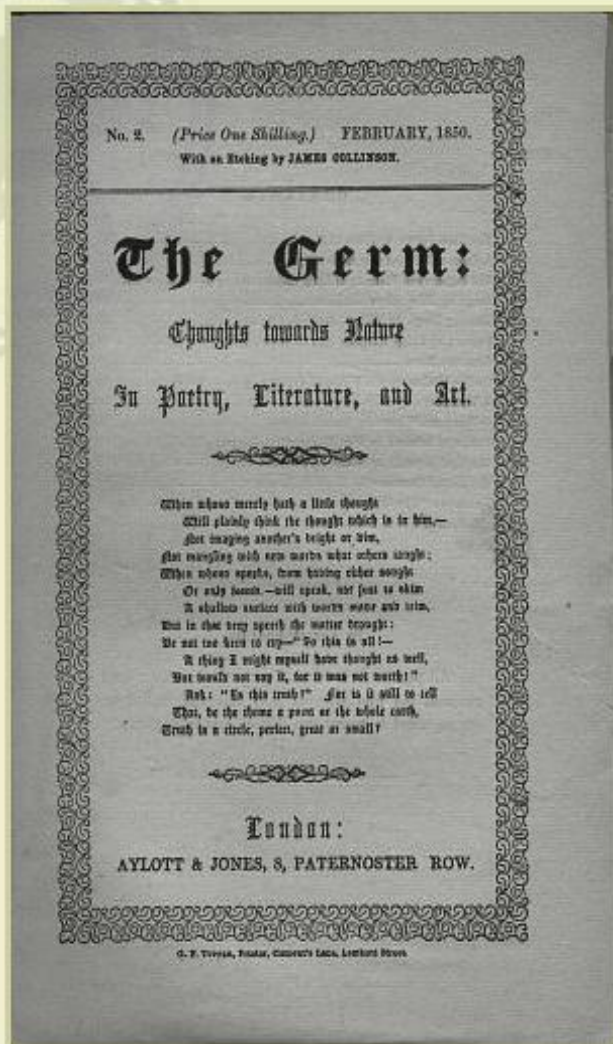
### Provenance

**Current Location:** Pierpont Morgan Library

**Note:** The MS came to the library with the collection of the Marchesa Peruzzi de Medici of Florence, in 1927. The Marchesa's family and the Brownings were good friends from 1848.

### Physical Description

[Periodicals Exhibit](#) → [Collection Intro](#) → [Browse Collection](#) → [DOCUMENT](#) → [Images](#) → [Transcript](#)



[page images](#) | [transcript](#)

## The Germ (British Library Copy, second issue)

Aylott and Jones (publisher)

William Michael Rossetti (editor)

### Production Description

**Document Title:** The Germ. Thoughts towards Nature in Poetry, Literature, and Art

**Editor:** William Michael Rossetti

**Publisher:** Aylott & Jones

**Printer:** G.F. Tupper

**City of publication:** London

**Date of publication:** 1850 January 31

**Edition:** 1

**Pagination:** [i]-iv, 49-96, + 2

**Volume:** 1

**Issue:** 2

Doubleworks Exhibit → Collection Intro → Browse Collection → IMAGE



**Description:** Emparadised Damozel gazing downward. "Behind the Damozel, beneath spreading branches, groups of lovers embrace against a pink sky; below her a pink flame outlines three angel heads. In the predella the earthly lover rests beside a river in a wooded landscape" ( [Surtees](#), vol. 1, 142). Stephens' description is more

## The Blessed Damozel (with predella)

Dante Gabriel Rossetti

1875-8

### Physical Description

**Medium:** oil

**Dimensions:** 68 1/2 x 37 in.

**Frame:** Flat gilded oak with symbolic designs and four stanzas of text of the DGR poem. A digital image of the **frame** is available.

### Production Description

**Production Date:** 1875-8

**Exhibition History:** R.A., 1883 (no.313); Manchester, Royal Jubilee Exhibition, 1887 (no.698); Fogg 1946 (no.83)

**Patron:** William Graham

**Date Commissioned:** February 1871

**Original Cost:** £1157, including predella

**Note:** Graham commissioned the work in 1871 and

[Doubleworks Exhibit](#) → [Collection Intro](#) → [Browse Collection](#) → [IMAGE](#)



**Copyright:** ©Birmingham Museums & Art Gallery

[Reproductions](#)

## The Blessed Damozel (design for background)

Dante Gabriel Rossetti  
1876 (circa)

### Physical Description

**Medium:** pen and brown ink

**Dimensions:** 8 9/16 x 7 1/16 in.

**Note:** This image is inscribed in a manuscript notebook.

### Production Description

**Production Date:** 1876 (circa)

### Provenance

**Current Location:** Birmingham City Museum and Art Gallery

[Doubleworks Exhibit](#) → [Collection Intro](#) → [Browse Collection](#) → [IMAGE](#)



**Copyright:** © Collection: William Morris Gallery, London E17

**Electronic Archive Edition:** 1

**File Name:** [s244d.rap.xml](#)

## The Blessed Damozel (study of the head)

Dante Gabriel Rossetti

1873-1875 (circa)

### Physical Description

**Medium:** coloured chalk

**Dimensions:** 17 x 14 3/4 in.

### Production Description

**Production Date:** 1873-1875 (circa)

**Model:** Alexa Wilding

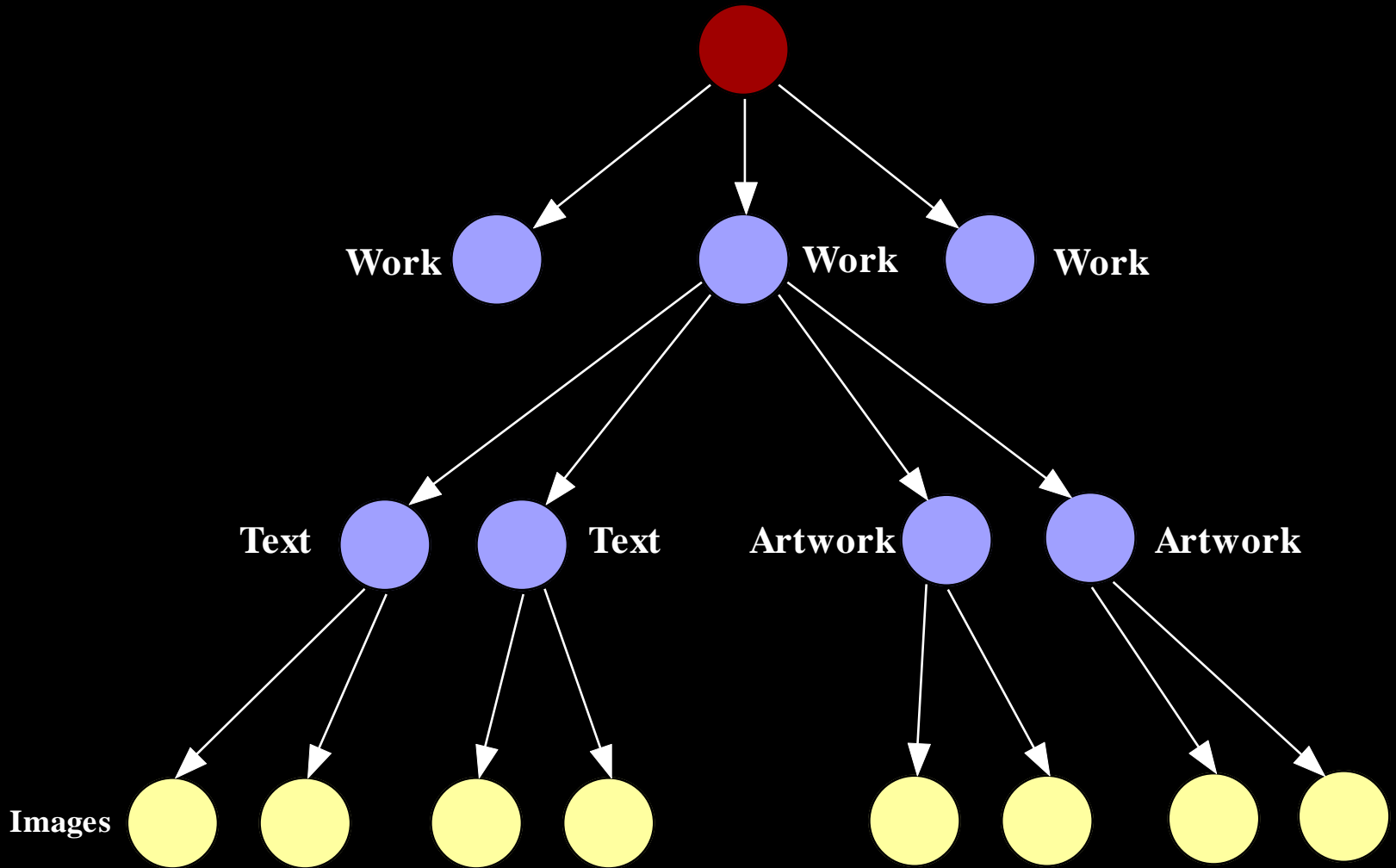
### Provenance

**Current Location:** William Morris Art Gallery, Walthamstow

**Catalog Number:** D. 186

**Archival History:** Cecil French Bequest 1954; William Morris Art Gallery, Walthamstow

# The Rossetti Archive



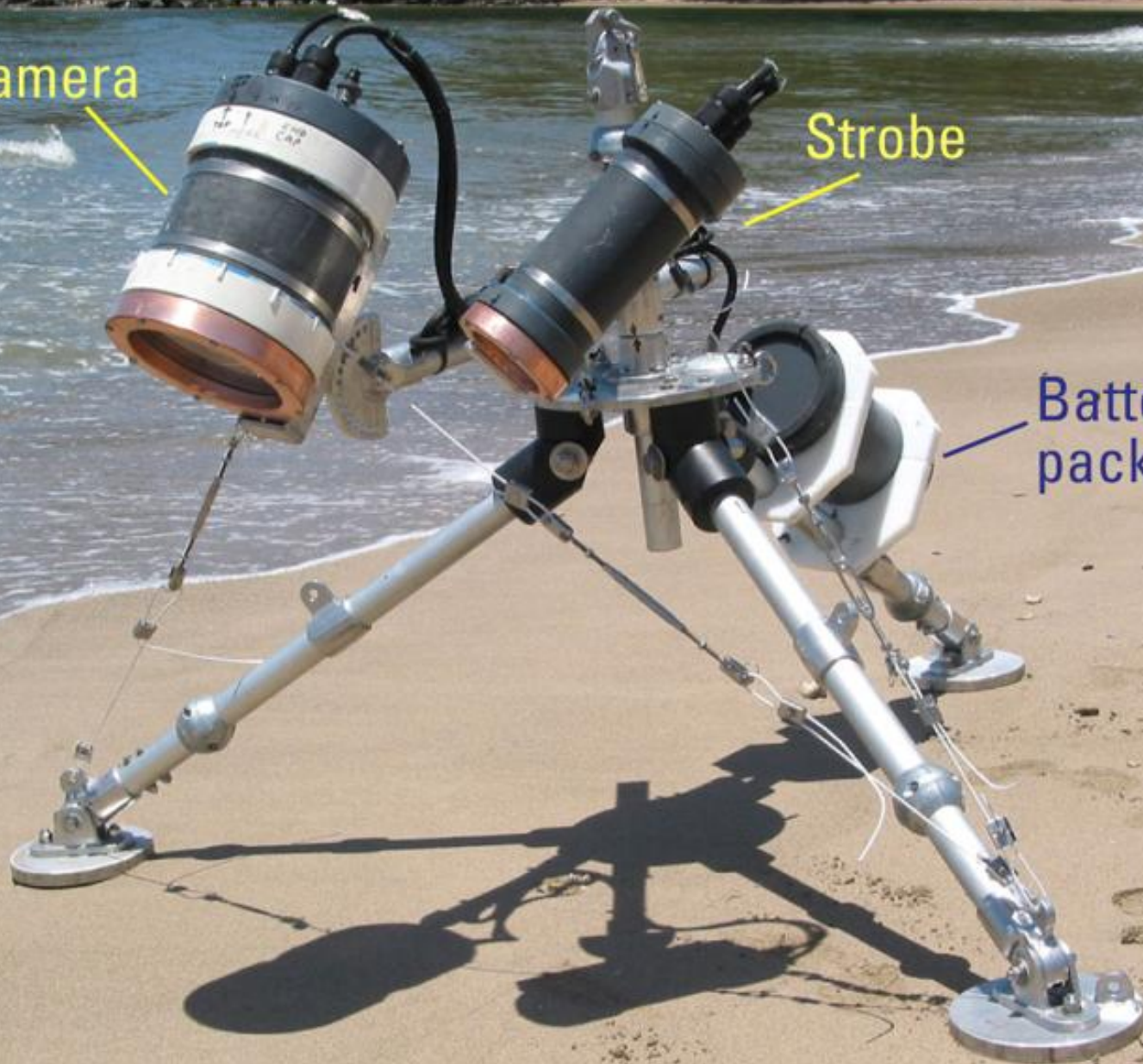
# Remote Sensing at a Coral Reef

- A network of cameras capture images of the reef at regular intervals
- A network of sensing devices capture data about the conditions of the reef at regular intervals
- New content created in the process of analyzing the data
- Publications

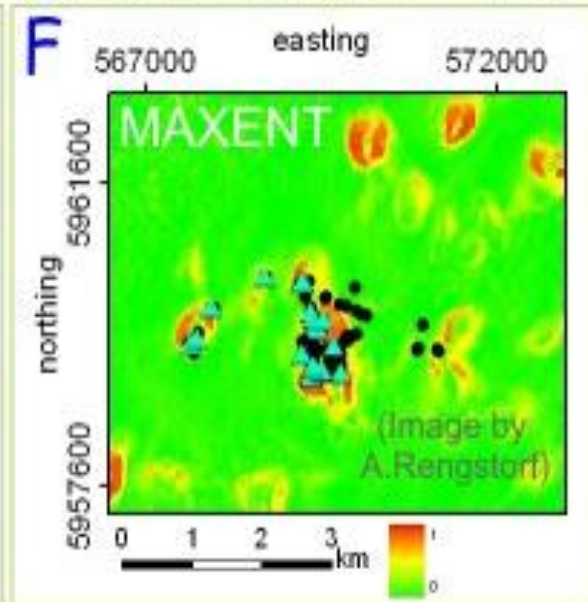
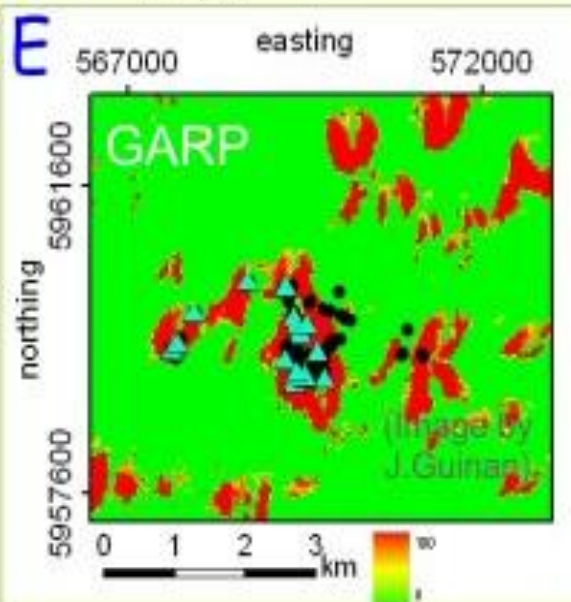
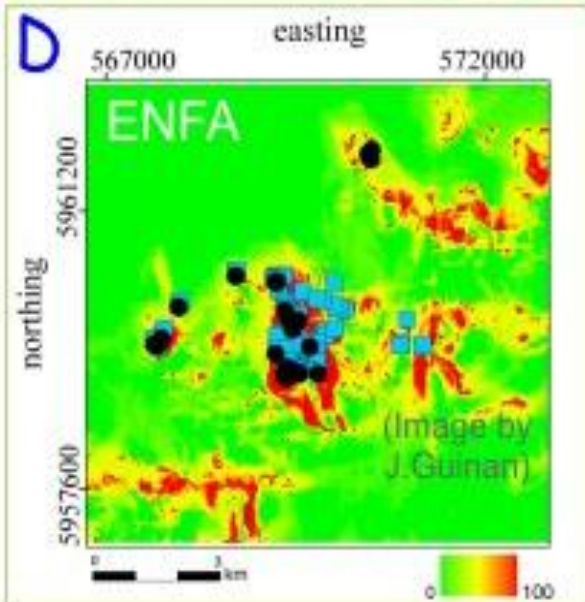
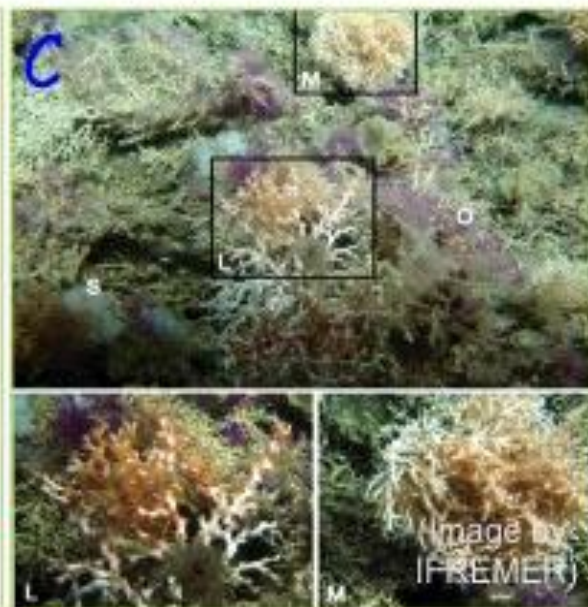
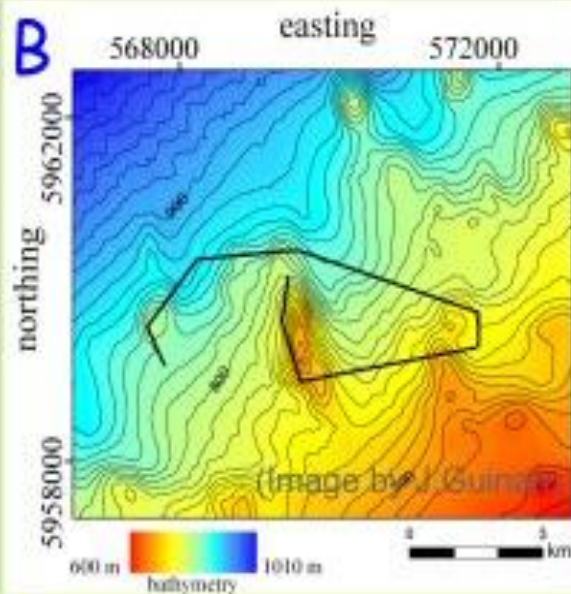
Camera

Strobe

Battery pack

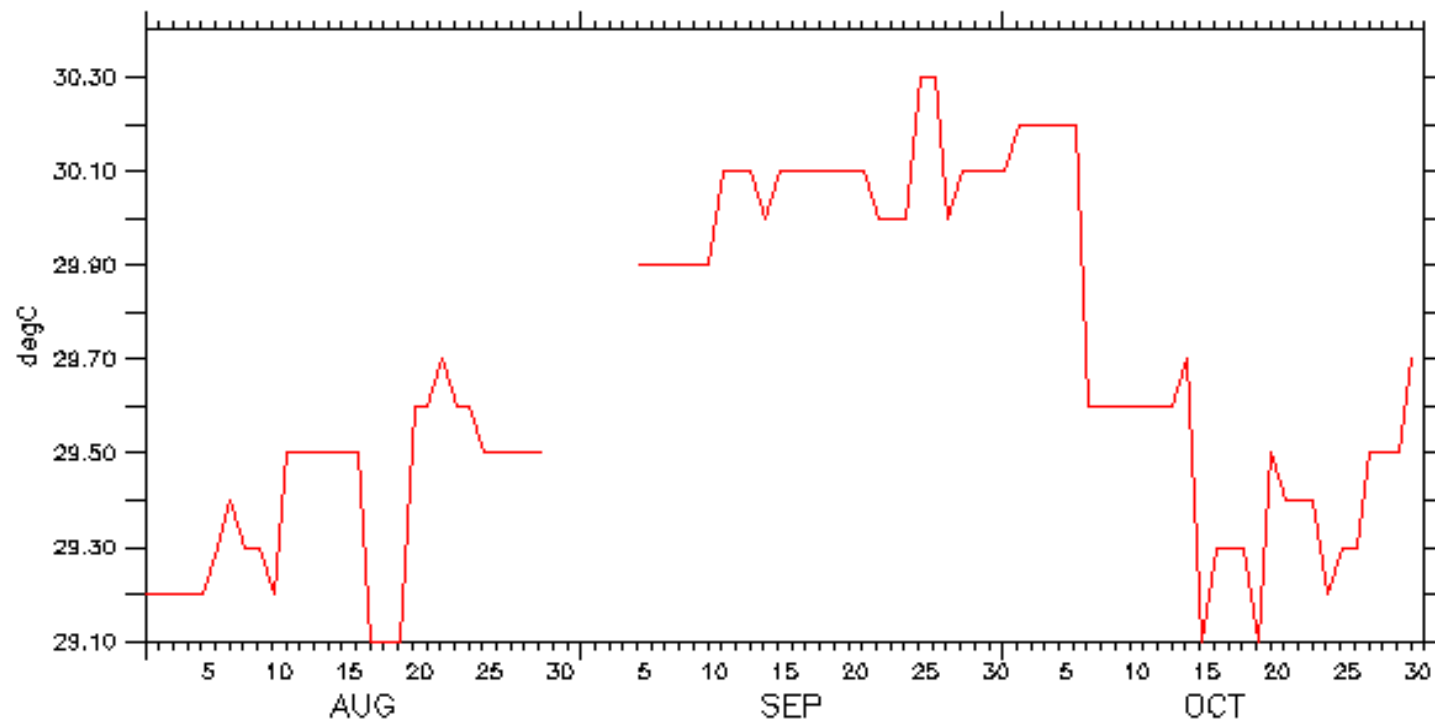




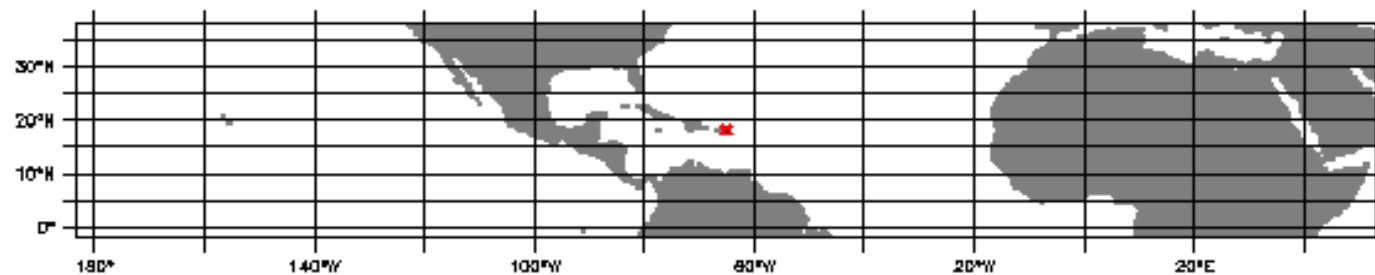


LONGITUDE : 65W  
 LATITUDE : 18N  
 YEAR : 2005

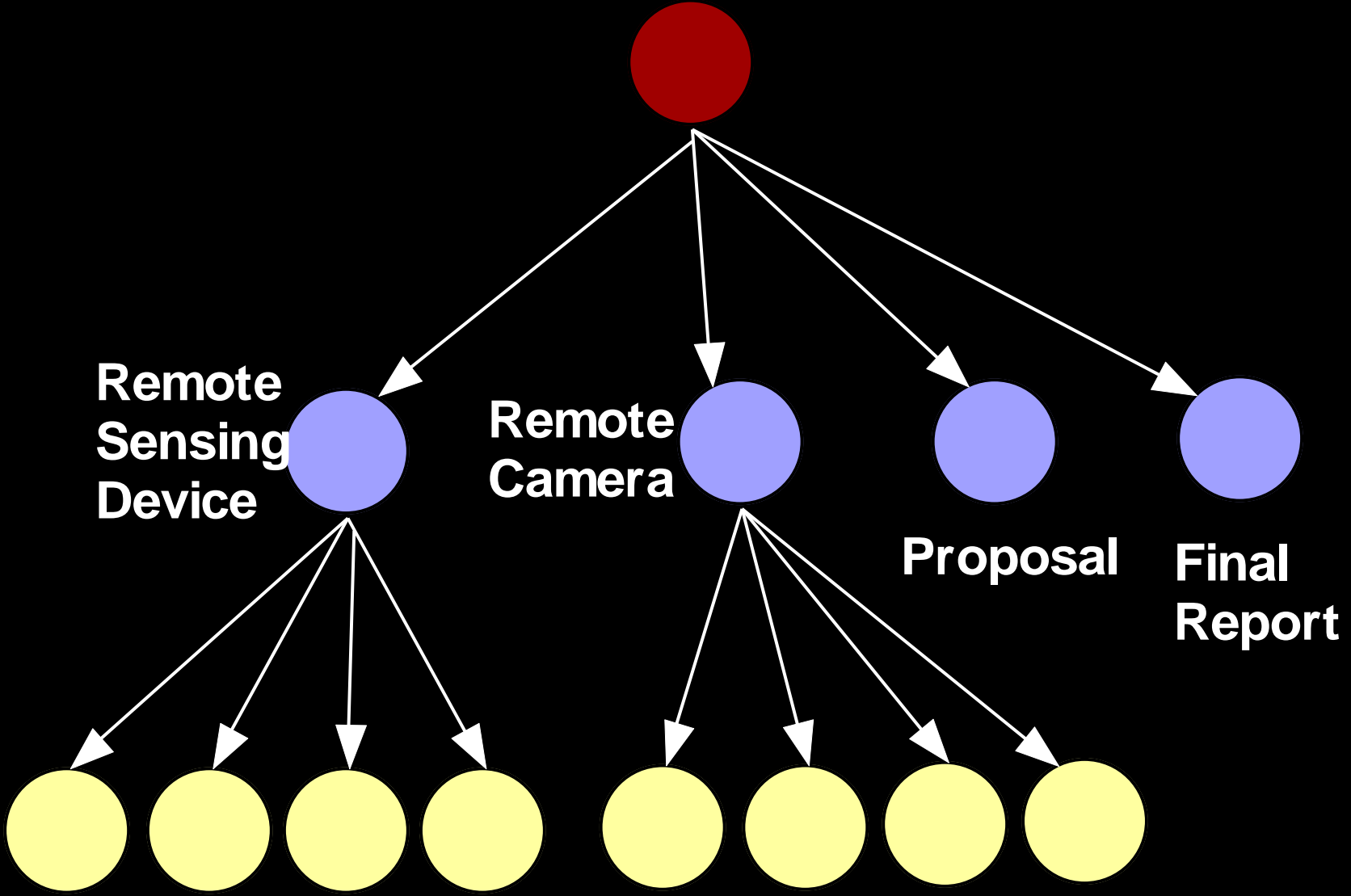
DATA SET: mcsst\_daily\_050601\_051130



Daily Sea Surface Temperature (MCSST) (degC)



# A Research Project



# Making complex digital information “durable” is a very hard problem

- The fidelity and authenticity of content needs to be verifiable as technologies change
- A history of the changes to the encoding and state of content must be reliably provided
- A meaningful context for any unit of content may be one of many and must be sustained
- Complex resources will increasingly be dispersed across institutional boundaries.

# Cloud Computing

- Both computing and storage are abstracted, appearing as a continuum
- Moving towards true standardization of computing environments
- Can be a relatively inexpensive approach to develop IT infrastructure
- Does not guarantee integrity of the content
- Preservation activities can be pushed beneath the surface

# How to proceed?

- Collecting from “the wild” is hopeless.
- We must build digital content in repositories from the beginning.
- Then move it from one repository to another, one institutional authority to another.
- Are universities going to provide a community solution? Publishers?
- Or will Google, Amazon and Microsoft do it?