

GREGORY G. DELAUNE



PORTFOLIO AND WORK SAMPLES
RESEARCH, TEACHING, PROFESSIONAL WORK AND PUBLICATIONS

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PORTFOLIO AND WORK SAMPLES

SELECTED RESEARCH, TEACHING, PROFESSIONAL WORK AND PUBLICATIONS

TEACHING AND RESEARCH ACTIVITY AT THE UNIVERSITY OF FERRARA

NOT JUST A SINGLE PATRIMONY REVITALIZING THE FUNICULARS AS CATALYST FOR URBAN CHANGE	VALPARAISO, CHILE
CULTIVATING THE POTENTIAL OF GUARAQUEÇABA SUSTAINABLE DEVELOPMENT ALTERNATIVES FOR THE LITORAL	PARANÀ, BRAZIL
SUSTAINABLE DEVELOPMENT FOR A REGION IN PERIL PROACTIVE PLANNING AND POLICY IN THE MATA ATLANTICA	PARANÀ, BRAZIL
ECOMUSEUM OF THE RAGANELLO ARCHIPELAGO 7 IDENTITIES IN THE LANDSCAPE	CALABRIA, ITALY
MONTEVIDEO REFLECTS IMPROVING THE CITY'S DEVELOPMENT POLICIES AND IMAGE	MONTEVIDEO, URUGUAY
COMMON GROUND IN THE LOCAL CULTURAL DIVIDE POLICIES AND PROJECTS FOR HEALING URBAN DISCONTINUITY	CORe, CALABRIA

PUBLICATION SAMPLE

PRESERVATION OF THE CULTURAL LANDSCAPE APPLICATIONS OF NEW RESEARCH MODELS AND METHODS	PO RIVER DELTA, ITALY
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NETWORK OF POTENTIAL STRATEGIC CONTACTS AND INSTITUTIONAL PARTNERS

PROFESSIONAL PROJECTS

REVITALIZING A COMMUNITY'S NEGLECTED HEART WHITTIER BOULEVARD DOWNTOWN IMPROVEMENTS	MONTEBELLO, CALIFORNIA
BLENDING DESIGN WITH LOCAL CHARACTER FIRST ST. IMPROVEMENTS AND DOWNTOWN REVITALIZATION	LIVERMORE, CALIFORNIA
REAWAKENING A SLEEPY MAIN STREET PLUMAS ST. REVITALIZATION AND DOWNTOWN IMPROVEMENTS	YUBA CITY, CALIFORNIA
PUBLIC OPEN SPACE IN ISLAMIC CULTURE NATIONAL COURTS COMPLEX - DOKHNAH PARK	RIYADH, SAUDI ARABIA

TEACHING AT THE UNIVERSITY OF CALIFORNIA BERKELEY

UC BERKELEY EXTENSION LANDSCAPE STUDIO L4 - ENVIRONMENTAL ANALYSIS AND DESIGN	BERKELEY, CALIFORNIA
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RESEARCH ACTIVITY AT THE UNIVERSITY OF CALIFORNIA, BERKELEY

RAPID DEVELOPMENT ON THE ASIAN PACIFIC RIM A REGIONAL STUDY FOR SUSTAINABLE PLANNING AND POLICIES	ESB, THAILAND
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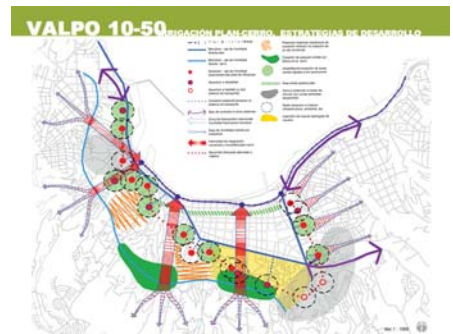
WEB DESIGN AND COMMUNICATION

NOT JUST A SINGLE PATRIMONY

REVITALIZING THE FUNICULARS AS CATALYST FOR URBAN CHANGE

VALPARAISO, CHILE

Client: Community of Valparaiso
Partner Institutions: Federico Santa Maria Technical University of Valparaiso, Università degli Studi di Ferrara
Dates: 9/29/08 – 10/17/08
Location: Valparaiso, Chile
Final Products: University presentation, Project study and proposal book (see: www.masterecopolis.it)
My Role: Lead instructor and on-site project manager for the University of Ferrara
Reference Contact: Prof. Gianfranco Franz, Director, International Master EcoPolis Program (frz@unife.it)



Master plan of policy and planning recommendations proposed by one of three groups composed of EcoPolis and FSM students.



The project work in Valparaiso was a true joint effort, conducted in partnership between the undergraduate architecture students in the Department of Architecture at the Federico Santa Maria Technical University of Valparaiso and the EcoPolis Master students. The architecture students involved, members of the design studio taught by Professor Roberto Barría Kirkwood, were in the process of working on a project to use the city's iconographic funiculars (inclined railway elevators) as design opportunities for the city's activities related to Chile's 2010 Bicentennial Celebration. For the EcoPolis students, working with the undergraduate architecture students produced two particular benefits. First, as residents of the area who had studied the region from an environmental design point of view, the architecture students were able to give the EcoPolis students an informative and instructive overview of the urban environment and sociopolitical realities of the City. Secondly, the project gave the EcoPolis students an oppor-

tunity to crystallize the lessons they had learned during the previous phases of the program by acting as consultants to the undergraduate architecture students, explaining and advocating for the multidisciplinary policy and planning approach that, for the EcoPolis students, had become second nature.

The actual project work took place during one intense week of collaboration in the midst the ongoing semester coursework of the undergraduate architecture students. The intent was that the integrated planning approach, as well as the resulting policy proposals identified as part of the joint workshop, would strengthen the undergraduates' final projects (to be completed at the end of the semester) by providing a policy and planning context in which



their individual architectural projects would become the physical manifestations of a larger revitalization strategy (download project PDF at: www.masterecopolis.it, under Edition 1, Projects and Reports).

During the final week of their tenure in Valparaiso, the EcoPolis Master students participated in a mini-workshop with Luis Alvarez, a geographer and professor at the Catholic University of Valparaiso. Professor Alvarez presented a series of lectures about the history and



Students' vision of a revitalized Valparaiso based on implementation of their proposals.

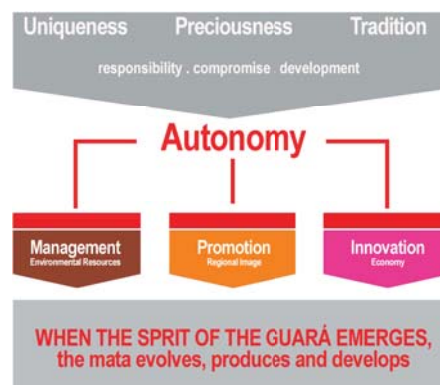
development of Chile and the Valparaiso area. As part of the mini-workshop, Prof. Alvarez directed a guided bus excursion beginning at the shores of the Pacific Ocean and extending through the country's central valleys, all the way to Chile's frontier with Argentina, at the heights of the Andes Mountains (and back again).



CULTIVATING THE POTENTIAL OF GUARAQUEÇABA

SUSTAINABLE DEVELOPMENT ALTERNATIVES FOR THE LITORAL PARANÀ, BRAZIL

Client: Regional Community of Guaraqueçaba
Partner Institutions: Pontifical Catholic University of Paraná, Università degli Studi di Ferrara
Dates: 8/18/2008 – 9/17/2008
Location: Curitiba and Guaraqueçaba (Paraná, Brazil)
Final Products: Community presentation, Project study and proposal book (see: www.masterecopolis.it)
My Role: Lead instructor and on-site project manager for the University of Ferrara
Reference Contact: Prof. Gianfranco Franz, Director, International Master EcoPolis Program (frz@unife.it)



Inspired by the local geography, an original branding logo was developed to give products a regional identity.

Quando o remanso do guará emerge, a mata envolve, produz e faz crescer. In local Portuguese dialect, the title of the project is a play on words eluding to how the region of Guaraqueçaba will grow, produce and achieve a greater sense of economic and cultural independence with the self-realization of the tremendous potential inherent to its unique local natural and cultural resources. The research work focused on developing a concrete selection of pilot projects that could act as a proactive first step to achieving the objectives identified in the final plan document. The existing conditions and analysis phases of the work were heavily influenced and benefitted from the project work completed the previous year in the same region as part of the MAPAUS Master program, titled

Alternativas de Desenvolvimento Sustentável Nas Vilas de Guaraqueçaba (see www.mastermapaus.it). In the first phase of the four week workshop period, the students participated in lectures and conferences addressing Guaraqueçaba and the greater context of the State of Paraná, which includes the biologically significant natural preserves of the Litoral (the Upper Paraná Atlantic Forest). To better understand the project context, the students and their tutors spent four days traveling through the region, visiting local communities, studying the local flora and fauna, and speaking with local officials about the opportunities and constraints the region faces. The impact of this hands-on field work comes forth in the final project as a focused attempt to propose realistic

pilot projects that stimulate local economic development, and are socially and environmentally sustainable, while still preserving the local natural and cultural heritage resources.

The final presentation of the project work took place at the Pontifical Catholic University of Paraná, in Curitiba, and was attended by various officials and stakeholders who might be in a position to implement the pilot projects proposed as part of the study. Officials and stakeholders who had assisted the students during the workshop, but were unable to attend the final presentation, were contacted and informed of the on-line availability of the final project document (download project PDF at: www.masterecopolis.it, under Edition 1, Projects and Reports).

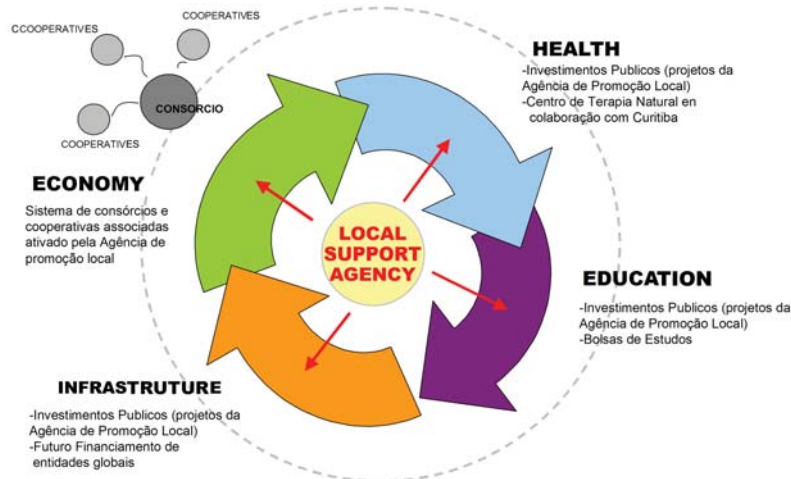


SUSTAINABLE DEVELOPMENT FOR A REGION IN PERIL

PROACTIVE PLANNING AND POLICY IN THE MATA ATLANTICA

PARANÀ, BRAZIL

Client: Regional Community of Guaraqueçaba
Partner Institutions: Pontifical Catholic University of Paraná, Università degli Studi di Ferrara
Dates: 8/20/2007 – 9/14/2007
Location: Guaraqueçaba Bay Area (Paraná, Brazil)
Final Products: Community presentation, Project study and proposal book (see: www.mastermapaus.it)
My Role: Researcher and Assistant to the Director
Reference Contact: Prof. Gianfranco Franz, Director, International Master EcoPolis Program (frz@unife.it)



(1-5) Local citizens and associations shared their hopes and concerns during the on-site research and excursions.

regulatory limitations on local economic activity, and exclusionary access to critical social/community services). The final presentation at the PUC was attended by regulatory groups,

Sustainable development alternatives for the communities of Guaraqueçaba, was the third, of four, on-site workshop projects completed by the MAPAUS V research team. The team was composed of ten students and two instructors from various disciplines (including architecture, sociology and law) and parts of the world (including Italy, Brazil, Ecuador, Chile and the United States). Working with professors and support staff from the Pontifical Catholic University of Paraná in Curitiba (PUC), who are experts on the region, the students and instructors first engaged in five days of field research in Guaraqueçaba, situated in one of the few remaining areas of unspoiled coastal Atlantic Forest ("Mata Atlântica"); the southern extension of the Amazon Forest. The team arrived via the limited access jungle road, visited the more remote island communities in the Bay, and made excursions to sites of particular cultural or environmental significance. With the limited time, the group divided into two-person teams to complete detailed studies on specific issues and topics that were identified as critical points of focus. After returning to Curitiba (by boat),



the group continued their investigation, studying various planning documents and meeting with related policy and regulatory agencies who are active in the region. After an intermediate analysis and synthesis review of the existing opportunities and constraints, the team set about developing an integrated strategy of policy and project recommendations to: stimulate local regional development; protect priceless natural resources and environmental quality; assist local communities to become more self-sufficient; raise awareness of the tremendous tangible and intangible cultural resources inherent to the region; and regulate the impacts of speculation and exploitation on the part of outside forces (e.g. unsustainable off-shore fishing practices, state and national

politicians, and various other stakeholders, who received copies of the final printed report, or were made aware of its availability on line (see www.mastermapaus.it, under Edition V, Presentations and Reports).

A proposed regional agency center would gather, coordinate and disseminate information and support for the progressive new programs and services.



ECOMUSEUM OF THE RAGANELLO ARCHIPELAGO

7 IDENTITIES IN THE LANDSCAPE

CALABRIA, ITALY

Client: Community of Civita
Partner Institutions: Università della Calabria, Ecomuseo del Paesaggio Valle del Raganello, Università degli Studi di Ferrara
Dates: 6/1/2008 – 6/21/2008
Location: Civita, Rossana and Cosenza (Calabria, Italy)
Final Products: Community presentation, Project study and proposal book (see: www.masterecopolis.it)
My Role: Lead instructor and on-site project manager for the University of Ferrara
Reference Contact: Prof. Gianfranco Franz, Director, International Master EcoPolis Program (frz@unife.it)



Mapping tangible and intangible resources of the local and regional cultural landscape.

A new museum log was designed.



ECOMUSEO
Arcipelago Raganello
7 identità nel paesaggio



Stakeholders were identified, and then consulted to help define the cultural heritage resources of greatest value.

The Project for the Raganello Valley Ecomuseum was a three week on-site intensive applied research workshop in Calabria, Italy. The First week of the workshop was spent doing fieldwork in and around the Raganello Valley, understanding the history, landscape and cultural heritage context. At the end of the first week, the students and instructors participated in a conference titled *Knowing the Environment* in the nearby town of Rossano. The conference included presentations by designer, researchers, public officials and professors addressing local, regional and national scale environmental design issues.

The final two weeks of the project were spent in residence at the University of Calabria (UniCal), one of EcoPolis' primary organizational partner institutions. The workshop culminated with a presentation of the findings and project proposals to the citizens and community leaders of the

Raganello Valley, on-location in Civita (the current home of the Ecomuseum for the Raganello Valley). Printed copies of the report were delivered to the client and a digital copy remains available on the EcoPolis website.

Following the presentation, as a direct result of the EcoPolis workshop activities, leaders of the municipalities of the Raganello

Valley area agreed to collaborate on a project proposal applying for national funding to support restoration activities in the historical centers of the local communities. EcoPolis students and tutors extended their stay in the area to play a key role in the preparation and submittal of the project proposal materials, which are currently under review.

1000km Scenario internazionale: Protocollo di Kyoto

Il protocollo di Kyoto

- Clean Development Mechanism (CDM)
- Joint Implementation (JI)
- Emissions Trading (ET)

Influenza economica a scala mondiale

- Borsa del clima di Chicago
- Es

100km Scenario

Il Piano di azione nazionale per la riduzione dei livelli di emissione gas serra.

L'Italia può certificare ed emettere crediti di carbonio (RMU).

Influenza economica a scala nazionale del protocollo di Kyoto

0km Scala Locale

Azioni Locali e Buone Pratiche

Provincia di Cosenza: fa parte degli "Enti locali per Kyoto" (2005).

Parco Pollino: Il Parco Nazionale del Pollino è tra i quaranta soggetti selezionati per la campagna **Parchi per Kyoto** (2007).

Potential implementation of the Kyoto Protocol as a development resource in the local (0 km), national (100 km), and international (1000 km) context

MONTEVIDEO, URUGUAY

Decisions are not communal

Inflexible Procedures

Compartmentalized Technical decisions

The current vertical power structure lacks efficiency and effectiveness in part because of its division into sectors/departments. This maximizes executive control, but minimizes shared responsibility, opportunities for synergy and creativity. A more horizontal structure focused on cooperation and empowerment for achieving common objectives is needed.

EXECUTIVE POWER

CITIZENS

BUSINESSES

OBJECTIVES

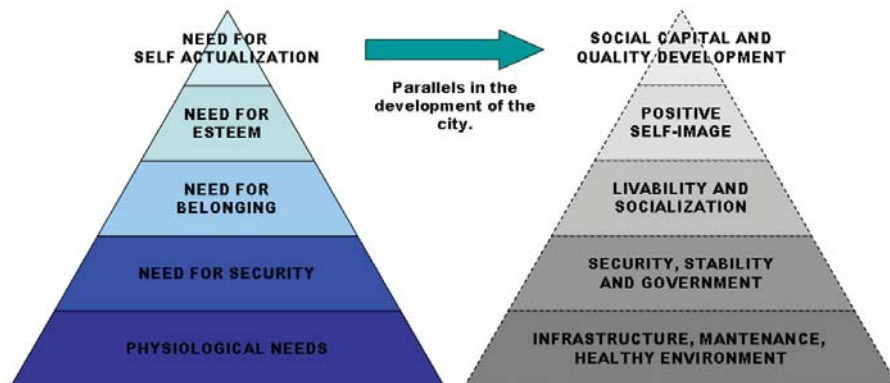
ECONOMIC POLICY

FISCAL POLICY

SOCIAL POLICY

URBAN POLICY

TECHNICAL SECTOR



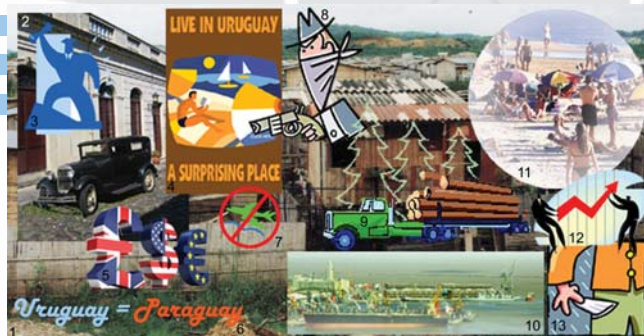
Maslow's hierarchy of psychological needs (left) and the parallel needs of cities, that also need to fulfill basic functional needs before addressing social capital, quality development and image issues

The project for improving the policies and image of the City of Montevideo was a four week on-site intensive applied research workshop in Montevideo, Uruguay. Since its high point, as Latin America's banking center during the 1950's, the City (which dominates the nation) has been plagued by economic crisis and political unrest. The City retains much of its architectural and cultural heritage from that bygone era. The population is well educated, full of national pride and eager for change. Unfortunately, decades of neglected maintenance, poor planning and political corruption have put all of these tangible and intangible resources at risk. The

national image is suffering both from within Uruguay and on the global stage. The City's Port Authority, which plays a key role in the national economy as well as urban and regional policies, was engaged as a key obstacle and potential resource for restoring Montevideo to its former glory.

The project team worked to catalogue and synthesize the economic, political and cultural resources, and developed an integrated series of recommendations and catalyst projects for assisting the City in its efforts to achieve recovery that is economically, environmentally and socially sustainable.

The project was particularly extraordinary for the high quality and professionalism achieved in the final product, despite relatively little support from the local institutions and government. This was the final project of the 5th Edition of the International Master MAPAUS. Living together in the city's historical quarter, the students coalesced into a effective and efficient research team that aggressively engaged the population and local establishment to collect the raw data, community input and personal impressions needed to achieve the final project success.



The existing image of Montevideo inside Uruguay and in other parts of the globe is often negative and/or misleading due to lack of information and/or misunderstanding.



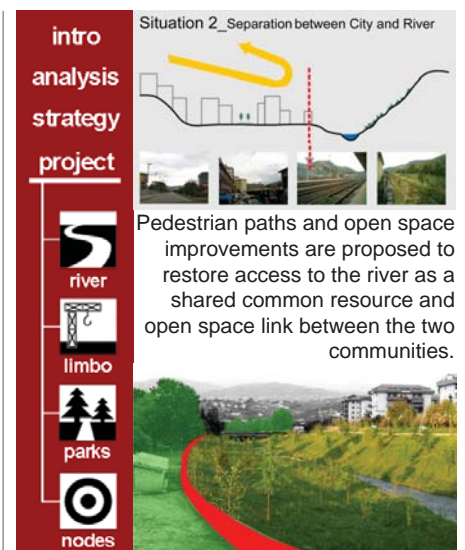
The new image of the city and country, internally and externally, should focus on the wealth of tangible and intangible resources that make up the history and cultural heritage of the nation.

COMMON GROUND IN THE LOCAL CULTURAL DIVIDE

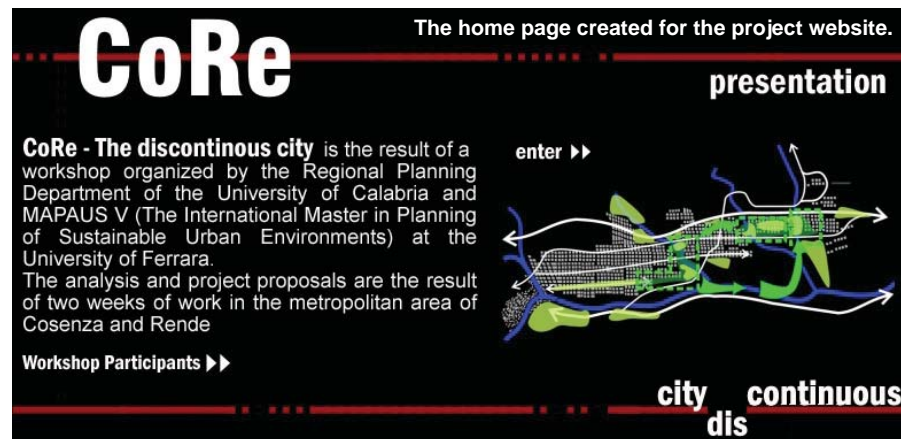
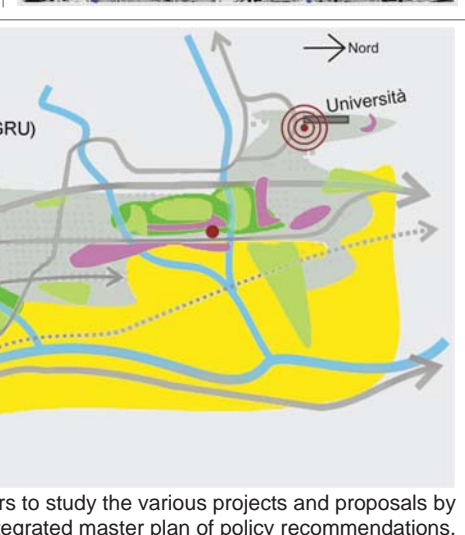
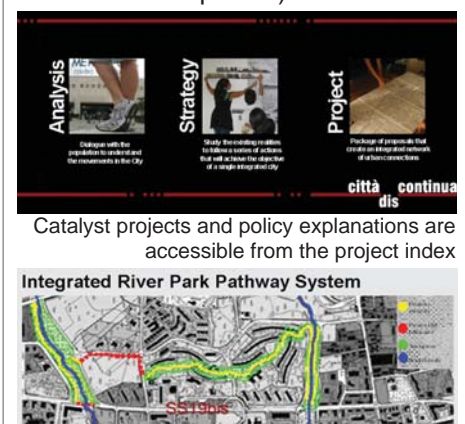
POLICIES AND PROJECTS FOR HEALING URBAN DISCONTINUITY

CoRe, CALABRIA

Client: Communities of Cosenza and Rende
Partner Institutions: Università della Calabria (UNICAL), Università degli Studi di Ferrara
Dates: 6/1/07 – 6/15/07
Location: UNICAL, Arcavacata di Rende, Calabria
Final Products: University presentation, CoRe Website (see: www.mastermapaus.it, Edition V)
My Role: Researcher, web site design and construction
Reference Contact: Prof. Gianfranco Franz, Director, International Master EcoPolis Program (frz@unife.it)



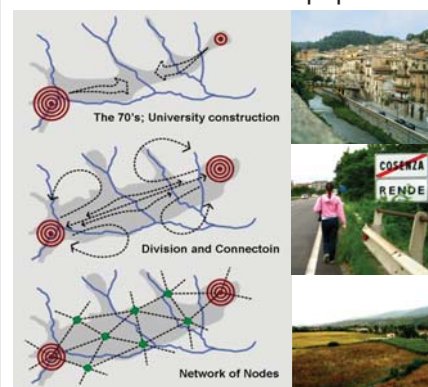
the team decided to create a web-based final product. In this way, the on-line findings and proposals remains as a lasting catalyst to stimulate community dialogue and generate positive change long after the project team has finished their work. The final website that was created remains accessible from the MAPAUS website on the page for the 5th edition of the program (see www.mastermapaus.it).



The CoRe project was the result of a two week urban design workshop in Cosenza and Rende, in the southern Italian state of Calabria. Over time, these two cities have physically grown together while politically and socially they have remained separated and often in disaccord. This "discontinuity" is manifest in phenomena like competing and/or overlapping services (e.g., public transportation, utilities, health services), neglect of common interests (e.g. environmental quality of the river front area), and short sighted policy conflicts between the two municipal governments (e.g. competing housing, commercial and employment center development policies).

Following a week of intense seminars, data collection and site visits, working closely with professors and students from the University of Calabria, the MAPAUS research team conducted an analysis of the inherent opportunities and constraints, and developed a series of strategies (in the form of policies and projects) for how the two communities can begin to share a common identity and work together to pursue common goals. Realizing the history and scale of the issues at hand, and that the time

constraints of a workshop format would limit the opportunity for face-to-face dissemination of the recommendations to the local population,



An interactive map allows website visitors to study the various projects and proposals by individual topic or as an integrated master plan of policy recommendations.

PRESERVATION OF THE CULTURAL LANDSCAPE

APPLICATIONS OF NEW RESEARCH MODELS AND METHODS

PO RIVER DELTA, ITALY

Publication: Paesaggi In Piano; Contributi al progetto di un territorio rurale sostenibile (Book)
Edited by: Prof. Francesca Leder, U. Ferrara CISPC
Date: Spring, 2009
Publishers: The Po Delta Park, Emilia-Romagna
My Role: Book chapter / article
Contact: Prof. Francesca Leder (lrf@unife.it)



A transect is a taxonomy of development patterns unique to a specific region or city.

architectural, landscape and urban character of a city or region. Specifically, I demonstrate examples of methods and applications successfully applied in my own professional projects. I also explain the theory and use of the “transect”, a tool used by the New Urbanist movement to create a graphic taxonomy of land use and development patterns as they range from the urban core to the rural periphery. Next, I explain how the findings from these methods can be incorporated into policy documents that help to codify and promote a unique local design character. Finally, I discuss how all of these tools and techniques could be used in the Po Delta Region to help raise awareness of the valuable cultural heritage that is inherent in the local architectural and landscape character.

Throughout the article, I stress the

Intensive agricultural activity imposes a geometric order on the regional landscape.



importance of applying rigor in the research of local design character and development patterns, pointing out that incomplete or poorly researched findings can result in policies or projects that ultimately undermine authentic local cultural heritage and/or create fake “Disneyesque” architecture.



The book, titled ***Landscapes on the Plain; Contributions to the design of a sustainable rural region*** (English translation), is part of a regional effort to raise awareness about the precious cultural heritage manifest in the Po River Delta region. The river and its delta straddle the border between the Northern Italian states of Veneto and Emilia-Romagna. The Emilia-Romagna area of the Delta has been designated as a UNESCO World Heritage site for its character as a Renaissance-era cultural landscape of unique value to the global human settlement heritage. The book combines a series of

Selection of characteristic architectural elements and styles that make up part of the unique regional building heritage.

articles written by various researchers and professionals with proposals for projects to recognize and preserve the importance of this region as a natural and cultural resource. It will be published and released as part of the activities for the four-day *Festival of the City and the Territory*, that takes place annually in Ferrara during April. My chapter of the book focuses on professional techniques and theories used in the United States for identifying and recording the local



A Po Delta Region transect range of street types and street tree usage; from the most rural urban highway to the treeless urban core.

BUILDING BRIDGES

NETWORK OF POTENTIAL STRATEGIC CONTACTS AND INSTITUTIONAL PARTNERS

Understanding and conducting research in issues related to sustainable development practices means addressing all of the components involved (economics, environmental protection, socio-political issues) with a multi-scale approach. In order to engage and understand local and regional issues at the global scale, in particular for teaching purposes, it is critical to have an active network of global partners and institutional resources for sustaining long-term international research efforts and engaging students in dynamic foreign settings where they can experience first-hand the cause and effect of local, regional and global policy decisions.

The following is a list of some of the key international institutions and contacts with whom I have worked or collaborated in recent years. These contacts will serve as a starting point for building a global network of cooperation and exchange in my future teaching and research.



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DA SEICENTO ANNI GUARDIAMO AVANTI.

International Master EcoPolis

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United Nations Educational,
Scientific and Cultural Organization

RED Alvaro

*Association for European/Latin Ame-
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NETWORK OF POTENTIAL STRATEGIC CONTACTS AND INSTITUTIONAL PARTNERS (continued)



UNIVERSIDAD TECNICA
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PONTIFICAL UNIVERSITY
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REVTIALIZING A COMMUNITY'S NEGLECTED HEART

WHITTIER BOULEVARD DOWNTOWN IMPROVEMENTS

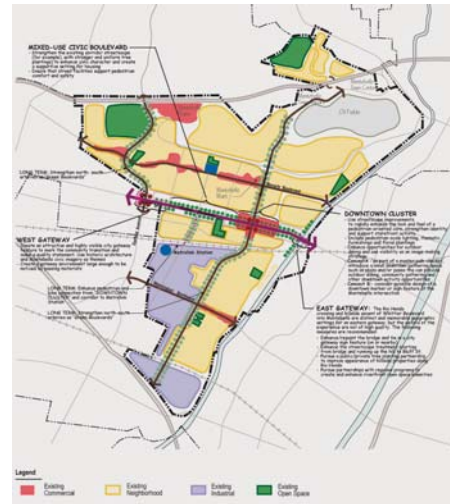
MONTEBELLO, CALIFORNIA

Client: City of Montebello
Collaborators: Conley Consulting, AAE Inc., SFE Design Inc., Rempel Architects, Dream Engineering, Freedman Tung & Bottomley Urban Design (FTB)
Completed: October 2006
Construction Cost: \$10.3 Million
Awards: 2007 Project of the Year for the Southern California Chapter of the APWA
My Role: Project Manager, Lead Urban Designer
Reference Contact: Jose Bazua (JBazua@cityofmontebello.com)

East-west Whittier Boulevard traverses two miles through the center of Montebello, connecting it to neighboring East Los Angeles and Pico Rivera. Freeways, shopping malls, economic decline, single-use zoning and damage from the 1971 earthquake sapped the vitality from the corridor, including its downtown section. FTB was selected to prepare a Specific Plan and subsequent streetscape improvement project. Through a public workshop process, the plan envisioned the revitalization of Whittier Boulevard through policy changes and design improvements that define and support mixed-use residential and downtown segments along the corridor and restore it as a vital heart of the City.

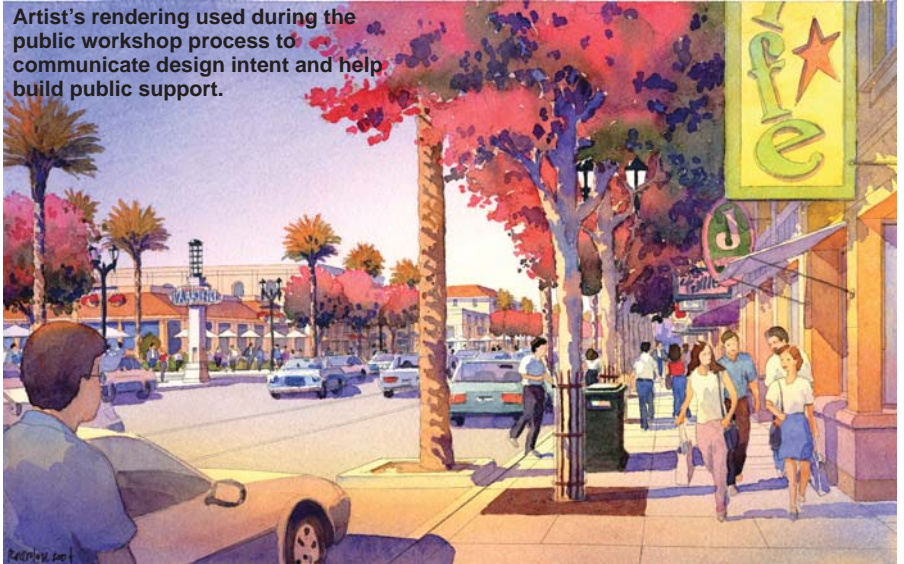
A particulare streetscape type was designed for each segment of the corridor (including unique tree species) Each type was specifically matched with the newly designated adjacent land use, to help support

Whittier Boulevard before the project



A city-wide capital improvements strategy helped define how the new streetscapes would function in the context of existing and proposed civic infrastructure projects.

Artist's rendering used during the public workshop process to communicate design intent and help build public support.



A new parking sign at the opening-day street fair.

new development in the segment and to create a unique sense of identity for each section of the city. Special attention was paid to create flexible-use parking plazas and wide sidewalks that could function as performance and public open space during the city's frequent street fairs

and cultural events. Custom designed street furnishings, parking signage and gateway features were installed to help define and strengthen the city's local identity, contributing to civic pride and attracting private investment to the revitalized downtown "main street" environment.



Custom designed parking indicators are located at key visual entries to the downtown to facilitate off-street convenience parking. Gateway elements at the east and west entries of the city celebrate the renewed local character with design elements drawn from the most significant architectural traditions and aspirations of the city.

BLENDING DESIGN WITH LOCAL CHARACTER

FIRST ST. IMPROVEMENTS AND DOWNTOWN REVITALIZATION

LIVERMORE, CALIFORNIA

Client: City of Livermore
Collaborators: SFE Landscape Architects, Zeiger Engineers, Kahn Design Associates, Freedman Tung & Bottomley Urban Design (FTB)
Completed: March 2006
Construction Cost: \$12 million
Awards: 2007 California Redevelopment Agency Award of Excellence
My Role: Project Manager, Lead Urban Designer
Project Contact: Greg Tung, Project Principal (qilin@comcast.net)



2007 Wine Festival after the Grand Opening



The First Street streetscape project was the keystone capital improvement recommended as part of the *Livermore Downtown Specific Plan*. The design incorporates elements of Livermore's winery, working ranch, and gardenesque character into an integrated downtown streetscape composition, transforming an oversized state highway into a pedestrian-friendly street with outdoor dining, increased amenities, and a town green at its historic crossroads.

The community expressed a desire to have a new local "downtown Main Street". FTB designed a pedestrian friendly streetscape environment that would also help to support a revitalized downtown economy. The new street includes shade trees and custom designed trellises in a flexible parking zone that can also be used for outdoor dining or special events. The project set the stage for a revitalized downtown core that functions as an arts and entertainment district while creating an improved setting for indoor and outdoor commercial and



community activities. Construction was completed in March of 2006, on time and under budget. Livermore's new Downtown has already generated considerable excitement. With the arrival of a more pedestrian-friendly streetscape, significant new investment is planned and under construction, including housing, new shops and restaurants, a regional arts theater, and a high-profile multi-screen cinema complex. The project has been recognized with a 2007 Award of Excellence from the California Redevelopment Agency under the Public Space and Linkages Category.



Artist renderings were used during the public participation process to communicate design intent and build public support for the custom designed fountain and trellis elements that play a key part in the open space character.



Tree and trellis uplights help activate the street at night and increase traffic safety.



REAWAKENING A SLEEPY MAIN STREET

PLUMAS ST. REVITALIZATION AND DOWNTOWN IMPROVEMENTS

YUBA CITY, CALIFORNIA

Client: City of Yuba City
Collaborators: Conley Consulting, Carlile Macy, SFE Design Inc., Rempel Architects
Completed: September 2008
Construction Cost: \$13.4 Million
My Role: Project Manager, Lead Urban Designer
Reference Contact: Greg Tung, Project Principal (qilin@comcast.net)



Artist's rendering of revitalized Plumas Street

The Plumas Street Improvements

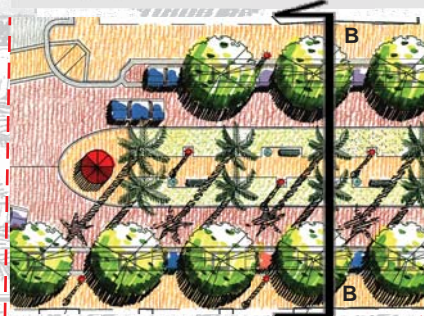
Project represents the second phase of Freedman Tung & Bottomley's highly successful *Central City Specific Plan & Revitalization Strategy* which dramatically revitalized an underutilized area dominated by declining industrial uses into a new central city "workplace district" anchored by a central boulevard (Plumas Street) and town square. The success of the new workplace district has catalyzed significant revitalization of the downtown and helped knit together adjoining neighborhoods. The Plumas Street Improvements carry forth some of the same design language as the *Central City* project, transforming the previously underutilized and economically stagnant downtown portion of the street corridor into a highly amenitized linear open space. The project includes "flexible zone" parking areas that can be used for outdoor dining or as additional commercial space during street fairs or other special events. Custom designed street furnishings, including specialty paving, light fixtures and concrete benches with built in flower urns, help



Section AA: Center Street designed to accommodate the Farmers' Market



Section BB: Plumas Street median park



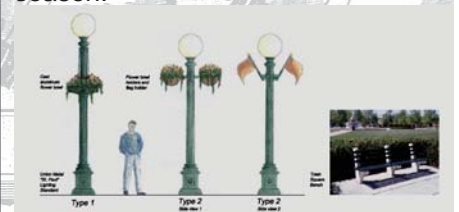
Plumas Street Illustrative site plan



The completed project creates a friendly pedestrian environment both night and day.

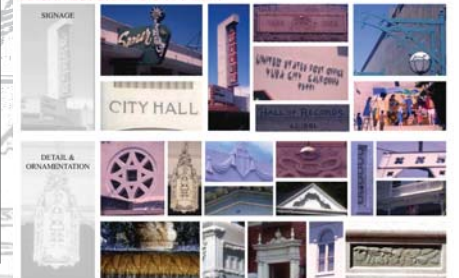


create an inviting environment for shopping and strolling. The improvements are also designed to help create a supportive environment for the City's highly successful Farmers' Market. Part of a larger strategy for revitalizing the downtown area, the project includes policy components that help focus the location of selected land uses in the historical district, creating a walkable "main street" that includes municipal services, entertainment venues, sit-down dining and specialty shopping. The final project was completed on time and under budget, in time for the beginning of the critical Christmas shopping season.



Furnishings selected to match the local design context/character, and earlier phase work.

ARCHITECTURAL CONTEXT



UC BERKELEY EXTENSION LANDSCAPE STUDIO

L4 - ENVIRONMENTAL ANALYSIS AND DESIGN

BERKELEY, CALIFORNIA

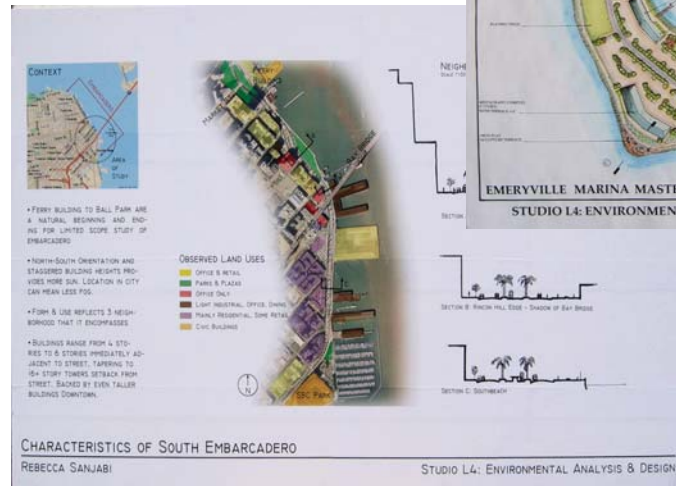
Institution: University of California, Berkeley
Program: Professional Landscape Certificate
Term: Spring, 2005
Role: Course Instructor (and lesson plan preparation)
Reference Contact: Heather Clendenin
 E: heatherclen@hotmail.com
 T: (415) 381-3204

The Environmental Analysis and Design Studio course emphasized a multidisciplinary design approach, integrating data from the natural sciences, economics, sociology, and other fields that influence landscape design and property development. Class projects involved a series of progressive steps in which regional considerations together with large amounts of contextual information had to be collected and analyzed, then creatively addressed in the form of a comprehensive master plan. Project sites for the course were selected to emphasize the complexities of public open space design in developed urban areas.

The first part of the course began with a series of lectures and exercises to learn how to maximize the combination of manual and digital graphic representation techniques. The students then completed a series of sketch projects to familiarize themselves with tools for mapping site information (e.g., natural factors, history, use patterns) and methods for developing effective analysis and synthesis graphics. In the second part of the course, the students worked with a local city (as a mock client) to complete a comprehensive site analysis and integrated master plan for a Bay Area waterfront site, based on a real project.

Throughout the term, visiting professionals acted as mock clients, outside critics and technical experts for specific issues related to the project at hand. The students responded well to the rigor of the course. The final master plan projects, in comparison to the initial site analysis exercises, demonstrated dramatic improvements in the quality of the graphics and the level of sophistication inherent in the work.

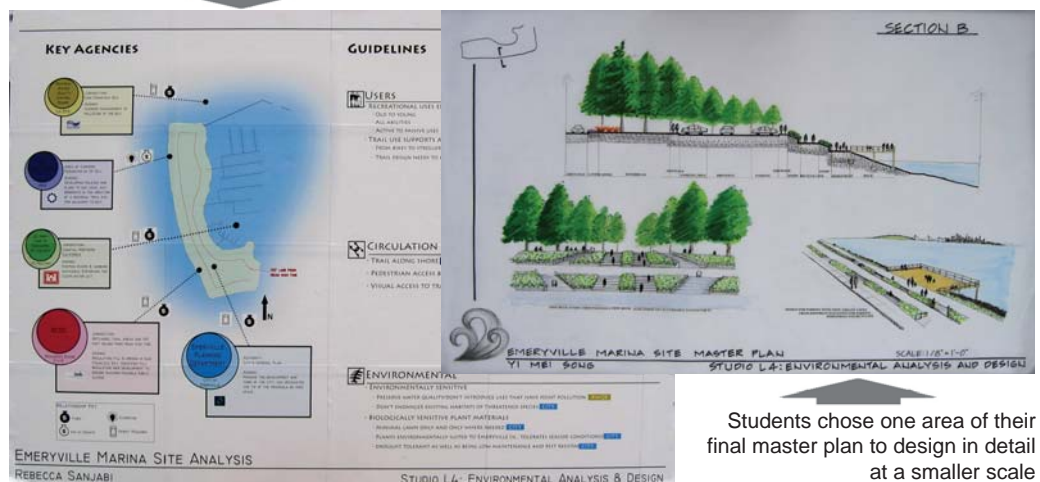
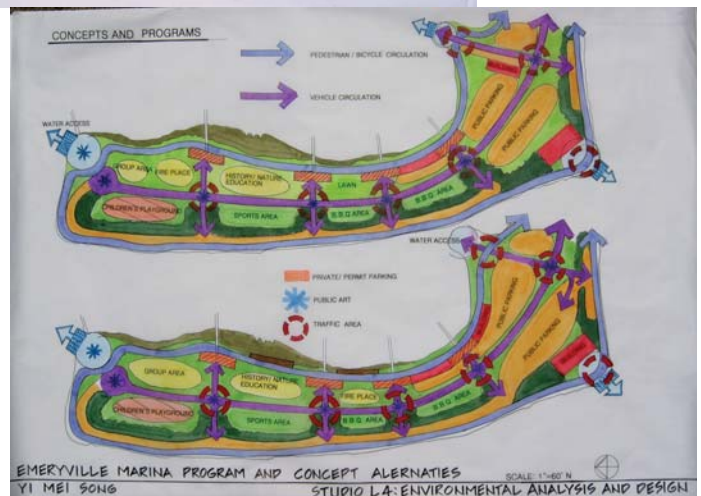
Final graphics for the master plan of the Emeryville Marina project. The designs incorporated key natural factors for siting and orientation of the program elements.



An earlier exercise analyzing various sites in San Francisco prepared students for their final master planning site analysis

Prior to beginning layout of their final master plans, students prepared conceptual project graphics demonstrating alternative spatial programs for their major site elements.

An institutional and jurisdictional analysis of the marina site in the synthesis phase of the project



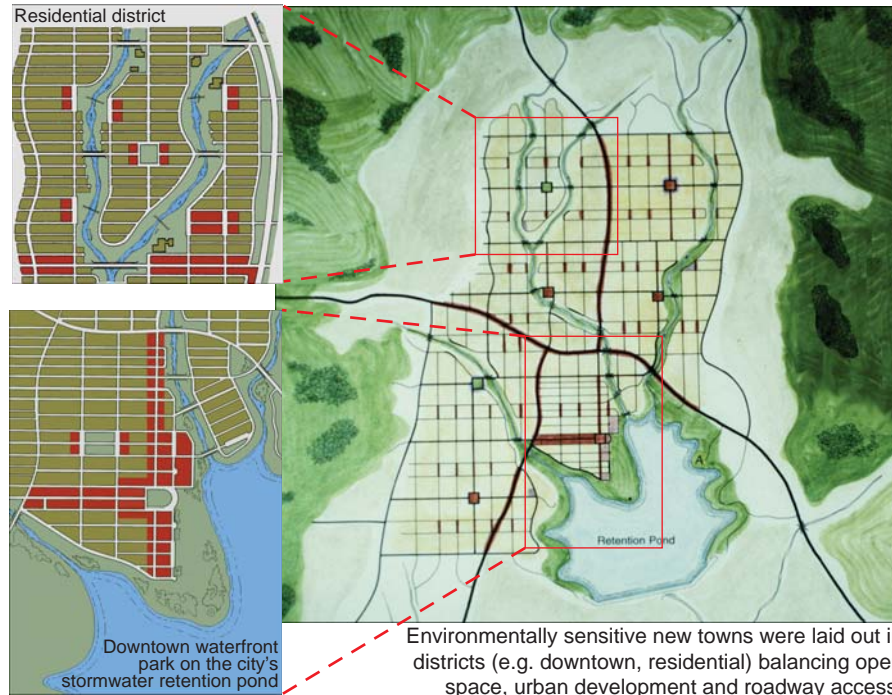
Students chose one area of their final master plan to design in detail at a smaller scale

RAPID DEVELOPMENT ON THE ASIAN PACIFIC RIM

A REGIONAL STUDY FOR SUSTAINABLE PLANNING AND POLICIES

ESB, THAILAND

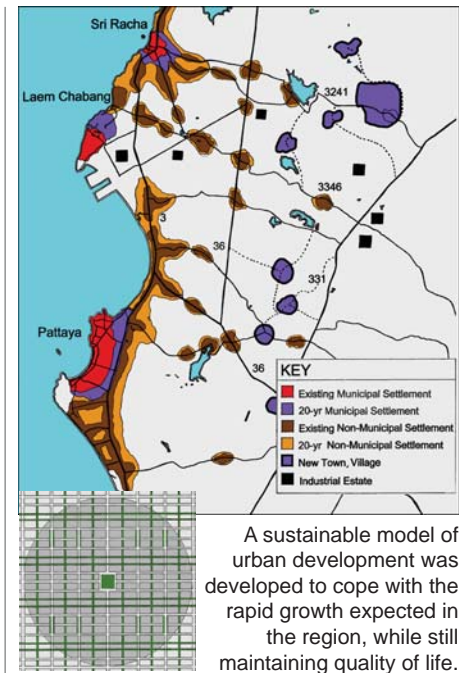
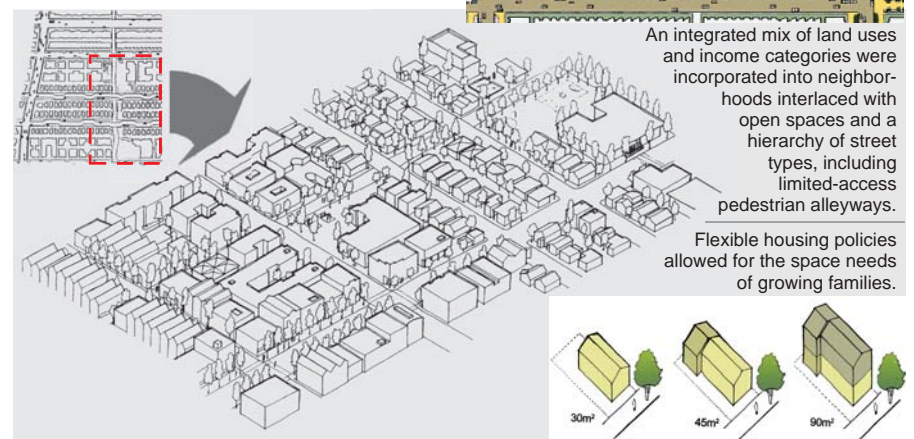
Client: Thai Public Policy Foundation
Partner Institutions: Chulalongkorn University's Social Research Institute; University of California, Berkeley
Dates: August - December, 1997
Location: Eastern Seaboard (ESB), Thailand
Final Products: Presentation and Policy Document
My Role: Researcher, New Town Design
Reference Contact: John Kriken (john.kriken@som.com)



Prior to the Asian financial crisis of 1997, Thailand's Eastern Seaboard (ESB) region was in rapid development, driven mostly by the expanding auto assembly and chemical industries. As part of a joint design studio between the UC Berkeley departments of Public Policy and Planning, Economics Professor David Dowall worked with an investor from a prominent Thai banking family to sponsor the preparation of a report for the Thai Public Policy Foundation. The report detailed development recommendations to address the opportunities and constraints arising from growth in the region. John Kriken, Principal and head of the SOM's San Francisco Urban Design Studio, joined the effort (with his staff) as a consulting professor.

Working closely with Chulalongkorn University's Social Research Institute (in Bangkok), the research team, including the SOM studio, began the semester with two weeks of on-site research and stakeholder meetings in

Bangkok and the ESB. Upon returning to Berkeley, the team of architecture, planning and public policy students worked together with the instructors and consultants to develop a comprehensive set of policy and project recommendations to support sustainable development practices. The proposals included programs for public services, infrastructure upgrades, labor and housing policies, environmental protection, and layout of new towns



intended to house the rapid influx of industrial workers and their families. The final printed report was presented to the Thai client as part of an end-of-semester presentation (at the UC Berkeley College of Environmental Design), attended by dignitaries and academics from Bangkok as well as the United States.

VIRTUAL ARCHITECTURE IN THE CYBER LANDSCAPE

WEBSITE DESIGN AND EVOLVING TOOLS OF COMMUNICATING VIA THE INTERNET

Like any technical instrument, the internet is a communication tool that may be used effectively or ineffectively, for positive or negative ends. For better or worse, the web has become the first place where citizens go to find out about projects and community issues, where students and researchers go to get quick answers, where clients and professionals find each other, and where anyone can express, advocate or dispute any opinion, idea or theory, whether it be true or false, valid or absurd. In the realm of environmental design and policy, understanding the opportunities, constraints, risks and rewards of using the internet has become a fundamental part of knowing how to effectively engage in productive dialogue with project stakeholders and fellow researchers/professionals. Successful design of website architecture and user interfaces is a multi-dimensional problem incorporating, among other skills, graphic design, space planning, logistics coordination and an understanding of multimedia communication. The following represent a sampling of my forays into the realm of web design and information management in the internet age.



My role:

- Logo and graphic Design
- Layout and Construction
- Content production and management
- Maintenance
- Translation

The EcoPolis International Master Degree website is for the marketing and dissemination of information related to the activities of the program. Among other uses, the site's primary purposes include to:

- Attract potential students to the program and provide application and enrollment information;
- Give enrolling students access to didactic material to be studied prior to and during the program;
- Provide existing students with up-to-date information about current and upcoming activities, bureaucratic procedure and forms, access to recent work and news about their research group, an online portfolio of research accomplishments to show potential employers and/or colleagues;
- Demonstrate to potential funding and support institutions the nature and breadth of the program's activities. Identify and showcase the role of our current funding institutions as important contributors to the program's success, with direct links to their websites and contact information;
- Build and maintain a network of like-minded researchers by providing the global research community with general access to information about the program's mission, research activities and findings, as well as the related activities of the EcoPolis faculty and staff.

Address: www.masterecopolis.it



My role:

- Layout and Construction
- Content production and management
- Maintenance
- Translation

The International Center for Cultural Landscape Studies website is for the marketing, reference and dissemination of information related to the activities of the Center and its research group members. Among other uses, the site's primary purposes include to:

- Provide up-to-date information about the Center's current and upcoming events and activities;
- Provide access to the Center's library of documents and information, including locations and procedures for accessing printed/hard-copy materials;
- Attract and build a network of like-minded researchers by providing the global research community with general access to information about the program's mission, research activities and findings.

Address: <http://web.unife.it/centro/paesaggiculturali/html/home.html#>



My role:

- Construction
- Content production and management
- Maintenance

The MAPAUS International Master Degree website is an archive site for the dissemination of information related to the activities of the program. Among other uses, the site's primary purposes include to:

- Act as a historical record and depository for the activities, documents and projects completed during the five-year span of the program;
- Direct those interested to similar information and ongoing activities being conducted by the EcoPolis International Master, the continuation of the MAPAUS Program; demonstrating continuity in the research activities;
- Provide former students and researchers with an online portfolio of thesis project work and research accomplishments to show potential employers and/or colleagues.

Address: www.mastermapaus.it

VIRTUAL ARCHITECTURE IN THE CYBER LANDSCAPE

WEBSITE DESIGN AND EVOLVING TOOLS OF COMMUNICATING VIA THE INTERNET (continued)



My role:

- Graphic Design
- Layout and Construction
- Content production and management
- Maintenance

The Art of Urban Placemaking is my personal website which I use as an on-line portfolio of my various design, research and other miscellaneous activities (photography, art, travel, etc.). Among other uses, the site's primary purposes include to:

- Provide ready access to information and samples of my work and activities for my use or for the interest of colleagues, friends and/or family;
- Allow easy reference and access for current (or potential) clients or employers;
- Provide references and link access to other sites and information related to my various activities and interests.

Address: www.theaup.com



My role:

- Graphic Design
- Layout and Construction
- Content production and management
- Maintenance

The SFE Urban Design & Landscape Architecture website is a site I designed and built as a web and marketing consultant for the firm. As part of the process of preparing the graphics for the site, I re-documented many of SFE's existing built project work, photographing the project sites and re-working the graphics manually and/or digitally. Among other uses, the site's primary purposes include:

- Marketing and information about the firm's projects and services;
- An on-line portfolio of SFE's projects and work samples;
- Easy reference and access to the firm's affiliated offices;
- References, contact information and link access to other sites and information related to the firm's activities.

Address: www.sfedesign.com

NOTES
