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THE INFRASTRUCTURE INFORMER
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**** March 2003 Issue ****

The Electronic Newsletter of the Institute for Civil Infrastructure Systems (ICIS) at New York University's Robert F. Wagner School of Public Service
(<http://www.icisnyu.org/>)

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UPCOMING EVENTS

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INFRASTRUCTURE NEWS
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WATER

"House Subcommittee Urges More Investment
in Nation's Water Infrastructure"

"Members of the Subcommittee on Water Resources and Environment of the House Committee on Transportation and Infrastructure recommended higher levels of investment in the nation's water resources infrastructure during a February 27, 2003, hearing." (Transportation Research Board)
Source: <http://www.house.gov/transportation/water/02-27-03/02-27-03memo.html>

"A New Frontier in Water Wars Emerges in East"

"In 1632, King Charles I granted Maryland the right to the Potomac River "from shore to shore." For the most basic of reasons, that is something Virginia, on the Potomac's south bank, is now fighting to overturn. 'The bottom line is that if Maryland can restrict Virginia's ability to withdraw water from the river, Maryland is in control of Virginia's destiny,' said Stuart Raphael, a special counsel to Virginia, rehearsing a complaint that is now before the United States Supreme Court. It is a fight over royal charters, interstate compacts and years of precedent, but mostly it is a fight over water,

reflecting growing worries in the region that a commodity is not as bountiful as it once seemed. And up and down the East Coast, its echoes can now be heard." (NY Times)
Source: <http://www.nytimes.com/2003/03/03/national/03RIVE.html>

"Millions of Gallons of Petroleum from Human Activities Enter North American Waters Annually; Most Comes from Runoff, Small Watercraft"

"Nearly 85 percent of the 29 million gallons of petroleum that enter North American ocean waters each year as a result of human activities comes from land-based runoff, polluted rivers, airplanes, and small boats and jet skis, while less than 8 percent comes from tanker or pipeline spills, says a new report from the National Academies' National Research Council. Oil exploration and extraction are responsible for only 3 percent of the petroleum that enters the sea. Another 47 million gallons seep into the ocean naturally from the seafloor." (The National Academies)
Source: <http://www4.nationalacademies.org/news.nsf/isbn/0309084385?OpenDocument>

WASTEWATER

"Rupture Sends Millions of Gallons of Sewage Into Harbor"

"A ruptured sewage pipe serving most of central New Jersey is diverting 2.5 million gallons of raw sewage into upper New York Harbor each hour, closing shellfish beds and threatening the health of Raritan Bay and nearby waters into the summer. Officials of the Middlesex County Utilities Authority, which operates the sewage system, said they did not know how long repairing the break would take or how long the sewage would flow into the bay." (NY Times)
Source: <http://www.nytimes.com/2003/03/05/nyregion/05SEWA.html>

"Raritan Sewage Flow Ends"

"The Middlesex County Utilities Authority, which serves 750,000 homes and businesses in Central New Jersey, stopped pumping sewage into the river about 2:15 p.m., once the 102-inch-diameter main was fully repaired and placed back on line. The agency diverted more than a half-billion gallons of untreated waste into the river since March 2, when the giant pipeline -- carrying sewage to the agency's Sayreville treatment plant -- exploded, flooding a residential neighborhood with filthy wastewater. The break forced state officials to shut clam beds in the Raritan and Sandy Hook bays as well as the Shrewsbury and Navesink rivers, idling about 150 cold water clammers." (Sierra Activist)
Source: <http://sierraactivist.org/article.php?sid=26062>

ENERGY

"Oil Drilling in Alaska Voted Down: Decision in Senate a Huge Setback for Administration"

"Environmentalists scored a major victory yesterday when eight Senate Republicans departed from their party line and voted with Democrats to reject a plan that would have allowed oil drilling in the Arctic National Wildlife Refuge. The Senate voted 52-48 for a proposal by Sen. Barbara Boxer, D-Calif., to strip ANWR drilling authority from the 2004 Senate budget resolution. 'It's a big victory for those in this country who believe that precious places deserve to be protected,' Boxer said after the vote. The decision was 'a huge setback' for the Bush administration, she said." (Seattle Post-Intelligencer)
Source: http://seattlepi.nwsourc.com/national/113265_anwr20.shtml

"Fuel Economy Regulations Could be Revised"

"The Bush administration is considering changes to fuel economy regulations that would encourage manufacturers to offer more large cars, station wagons and smaller sport utility vehicles that are built more like cars. The idea behind the changes is that such vehicles are safer than both small cars and sport utility vehicles and pickups, and that if more people drove them, fewer people would die in crashes. Producing more such vehicles and fewer very small or very large vehicles would reduce the increasing disparity among American vehicles, both in weight and how high they ride." (NY Times)
Source: <http://www.nytimes.com/2003/03/21/business/21AUTO.html>

"Hydrogen Vehicle Won't Be Viable Soon, Study Says"

"Even with aggressive research, the hydrogen fuel-cell vehicle will not be better than the diesel hybrid (a vehicle powered by a conventional engine supplemented by an electric motor) in terms of total energy use and greenhouse gas emissions by 2020, says a study recently released by the Laboratory for Energy and the Environment (LFEE). And while hybrid vehicles are already appearing on the roads, adoption of the hydrogen-based vehicle will require major infrastructure changes to make compressed hydrogen available.

If we need to curb greenhouse gases within the next 20 years, improving mainstream gasoline and diesel engines and transmissions and expanding the use of hybrids is the way to go" (MIT TechTalk)

Source: <http://web.mit.edu/newsoffice/tt/2003/mar05/hydrogen.html>

TRANSPORTATION

"GM Pulls Plug On Electric Car"

"It is sleek and streamlined, fast and electric. But as CBS News Correspondent John Blackstone reports, General Motors' EV1, the car of the future, is about to become a thing of the past... General Motors is pulling the plug on its electric car. The company never sold it, it only leased the car and is now demanding every EV1 be returned." (CBS News)

Source: <http://www.cbsnews.com/stories/2003/03/11/eveningnews/main543605.shtml>

"Driverless Taxi Passenger Trials to Begin This Month"

"Passenger trials of the world's first driverless taxi service will begin in Cardiff this month. The Urban Light Transport system, known as Ultra, is set to become fully operational in the Welsh capital in 2005. Each 'taxi' on the track will carry four people and travel at 25mph. Passengers will request a vehicle at predetermined stops, where they will buy a ticket for their destination. The ticket is then used to program the automatic cab. The cabs find their way by following a strip of metal or track that is laid on the road surface. Each vehicle has its own internal battery and navigation system. The developers, which include UK engineering firms Arup and Amec, claim Ultra will consume less energy than buses, cars and trains." (The E4 Network)

Source: http://www.e4engineering.com/item.asp?ch=e4e_automotive&type=News&id=47546

"Transferring the Focus to Fast Buses"

"Seattle does it. Miami's on board. Pittsburgh, too. So why not consider 'bus rapid transit' in Baltimore, asks state Transportation Secretary Robert L. Flanagan. He wants to take a serious look at running rapid buses along some of the region's proposed rail routes. Buses are cheaper than rail cars, and they could get rolling a lot faster." (Sunspot.net)

Source:

<http://www.sunspot.net/news/opinion/perspective/bal-pe.transit16mar16,0,5068462.story?coll=bal%2Dperspective%2Dheadlines>

"Is Paying for Transit a Waste?"

"In the early 1970's, the U.S. began subsidizing mass transit of various kinds, including subways, light rail, ferries and bus systems. According to the American Public Transportation Association, those taxpayer-provided subsidies increased to \$160 billion in combined building and operating subsidies just for the last ten years alone. The result of this spending? According to the U.S. Census, the number of commuters using public transportation has declined steadily at every census since 1960 - not just the percentage but the number of commuters." (Reason Public Policy Institute)

Source: <http://www.rppi.org/transitwaste.html>

TELECOMMUNICATIONS

"Congressman Calls On MTA To Wire All Subway Stations For Cell Phones"

"U.S. Representative Anthony Weiner is calling on cell phone companies to wire the city's 256 subway stations so that straphangers will be able to call 911 in case of an emergency. Weiner says the move would also allow straphangers to call authorities if they see suspicious activities. The Brooklyn congressman estimates it would cost about \$50 million to upgrade the system. Under his bill, the cost would be divided between the cell phone companies, and not passed on to customers." (NY 1)

Source:

<http://www.nyl.com/ny/TopStories/SubTopic/index.html?topicintid=1&subtopicintid=1&contentintid=28493>

GENERAL INFRASTRUCTURE

"Homeland Security Subcommittee on Infrastructure and Border Security Jurisdiction Approved"

"This week the House's new Select Committee on Homeland Security met to approve rules and make introductions. According to a Bureau of National Affairs (BNA) report, the Committee created five subcommittees: Subcommittee on Infrastructure and Border Security,

Subcommittee on Rules, Subcommittee on Emergency Preparedness and Response, Subcommittee on Cybersecurity, Science, and Research and Development, and Subcommittee on Intelligence and Counterterrorism. BNA is also reporting that the Subcommittee on Infrastructure and Border Security has jurisdiction over the following areas: border security including prevention of importation of illicit weapons, pathogens, narcotics, and other contraband; illegal entry by foreign nationals; land borders, ports, and airspace; integration of federal, state, and local immigration law enforcement; protection from attack of highways, bridges, waterways, airports and air transportation, energy supplies, and other critical infrastructure; preservation of critical government, business, and financial institutions; and relevant oversight." (Transportation Research Board)

"Civilian Team Poised to Move In, Rebuild Iraq"

"On Monday, [Jay] Garner came back to...Kuwait as head of a little-known, Pentagon-run civilian force positioning itself to take over and rebuild Iraq.. By Thursday, three dozen U.S. civilian Agency for International Development disaster-relief specialists will be deployed with U.S. military units in Kuwait and Jordan, prepared to take over key institutions the moment soldiers secure them... The official stressed that the Pentagon hopes much of the heavy engineering and construction work will be done by Iraq's regular army... U.S. AID is about to award a capital construction contract for postwar Iraq, worth up to \$600 million... The contract calls for the assessment and repair of Iraq's power grid, its water and sewage systems, hospitals, schools, up to five airports and its strategic Umm al Qasr port in the south." (LA Times)

Source:
<http://www.latimes.com/news/nationworld/iraq/inside/la-war-postwar19mar19004433,1,7456185.story?coll=la%2Diraq%2Dinside>

Iraq War Could Lessen Accuracy of Civil GPS

"Drivers whose cars are equipped with a global positioning system (GPS) may be the first to know when war breaks out against Iraq, a German automobile club said Tuesday. The satellite-based system, funded and controlled by the US Department of Defense, provides specially coded signals that can be processed to enable the receiver to compute their position, speed and time. Its primary function is in navigation for aircraft, ships and vehicles such as taxis. But while there are thousands of civil users of GPS worldwide, the system was designed for, and is operated by, the US military. The German automobile club AvD said experts fear that just before military action against Iraq, which seems likely to start later this week, the signals will be encoded in order to make them less accurate." (Space Daily)

Source: <http://www.spacedaily.com/2003/030318154133.7pluva5u.html>

"The Essential Guide to the 21st Century"

The BBC features their essential guide to pertinent environmental issues of the 21st century, featuring issues regarding water resources, climate change and air pollution and related disease. A collection of interviews and reports covers the issues. (BBC)

Source:
http://www.bbc.co.uk/worldservice/sci_tech/features/essentialguide/theme_env.shtml

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FOCUS ON THE REDEVELOPMENT OF LOWER MANHATTAN
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Focus of the LMDC: "Next Steps"

The Gotham Gazette features a transcript of a speech delivered by the new president of the Lower Manhattan Development Corporation, Kevin Rampe, on March 20, 2003. The focus of his talk revolved around the next steps in the WTC redevelopment process, primarily "the planning on the World Trade Center site and the creation of a fitting memorial; coordinating the creation of a 21st century transportation infrastructure; developing initiatives to revitalize lower Manhattan beyond the World Trade Center site; and allocating the remainder of federal aid in support of the revitalization effort." (Gotham Gazette)

Source: http://www.gothamgazette.com/rebuilding_nyc/features/rampe.shtml

"Daniel Libeskind To Get Joint WTC Site Contract"

"Daniel Libeskind, the architect who created the winning design for rebuilding the World Trade Center site, will soon be offered contracts to oversee nearly all of the development projects at the site, rebuilding officials said yesterday. The contracts, to be offered within 30 days by the Port Authority of New York and New Jersey and the Lower Manhattan Development Corporation, are intended to ensure that Mr. Libeskind's plan will guide development at the site." (New York Times)

Source: <http://www.nytimes.com/2003/03/21/nyregion/21REBU.html>

"Federal Records Show EPA Made Mistake In Declaring WTC Air Safe"

"The Environmental Protection Agency failed to gather sufficient evidence before declaring the air around Ground Zero 'safe to breathe' in the days after the collapse of the twin towers, federal documents reveal. The EPA inspector general's office found that the agency based its conclusion on a cancer risk level 100 times greater than the traditional standard used to determine acceptable public exposure to toxic contaminants." (New York Daily News)
Source: <http://www.nydailynews.com/news/local/story/68063p-63326c.html>

"Memorials Proliferate in Crowded Downtown"

"On Monday in Lower Manhattan a lone figure, hooded against March winds, stood at the glass-block wall of the Vietnam Veterans Memorial, warmed by the reflected sun and a cigarette... At Battery Park, however, a dozen people lingered by the Koenig Sphere... It takes only a lunchtime stroll to pass these and dozens of other monuments that, with increasing frequency, are finding homes in Lower Manhattan... And of course the early stages of planning a significant memorial at the World Trade Center site are getting under way. All this has prompted discussions among residents, urban planners and historians about the potential effect of so many monuments to death and loss on a living neighborhood, as well as concerns about the influx of roughly five million tourists once the memorial is built." (NY Times)
Source: <http://www.nytimes.com/2003/03/13/arts/design/13DOWN.html>

"Eyes on the Prize: The Amazing Design Competition for the World Trade Center Site"

Paul Goldberger of the New Yorker reflects on the WTC design competition: "The world of architecture has rarely been as lively as it was recently, during the competition for the commission to design a master plan for the World Trade Center site. It was a story about art and culture that had popular appeal..." (The New Yorker)
Source: http://www.newyorker.com/critics/skyline/?030310crsk_skyline

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SPECIAL ICIS EVENT
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Friday, April 4, 2003

Enrique Peñalosa:
Sustainable and Egalitarian Urban Development Policy

New York City

NYU's Robert F. Wagner Graduate School of Public Service's Wagner Environmental Policy & Action (WEPA), The Institute for Civil Infrastructure Systems (ICIS), The Rudin Center for Transportation Policy and Management, & Net Impact at the Stern School of Business Present Enrique Peñalosa, the former mayor of Bogotá, Colombia and current Visiting Scholar at New York University to speak about sustainable and egalitarian urban development policy.

Enrique Peñalosa served as mayor of Bogota from 1998-2001, during which time he led a massive effort to improve the infrastructure of Bogota's marginal neighborhoods, promoting high citizen involvement. His administration spearheaded large improvements to the city center by instituting a successful bus rapid transit system, creating parks and bicycle paths, planting trees, promoting public spaces, and restricting the use of private automobiles in the city. Mr. Peñalosa is currently a Visiting Scholar at New York University. He is researching and writing a book on a new urban-development model for the Third World, which covers fields such as transportation, land use and housing for the poor, pollution abatement and public space.

Time: 6-7:30 pm (with a reception to follow)
Location: NYU's Henry Kaufman Management Center, Room 1-70
44 West 4th Street, www.nyu.edu/map/virtual.nyu

RSVP: Space for this event is limited. RSVP to WEPA_NYU@yahoo.com with your name and school/organization.

**For non-NYU affiliated guests, please present photo identification to the security guard upon entrance to the Kaufman Management Center.

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UPCOMING EVENTS
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Wednesday, April 2, 2003

"The City as the Airport:
How Security Changes Urban Ways of Life"

New York City

A panel discussion regarding the effects of security efforts on how New Yorkers live, create and build.

Time: 6-8 PM

Location: Kimball Hall, New York University, 246 Greene St

Web: <http://www.9-11usg.org/index3.asp?page=EVENTS>

Wednesday, April 2, 2003

"A Workshop on Wireless Communications and the Future of Cities"

New York City

Presented by the Taub Urban Research Center at NYU-Wagner School, and supported by an Urban Research Initiative grant from the National Science Foundation.

"If there was any doubt about the pervasiveness of wireless communications technologies in modern cities, it was swept away by the terrorist attacks of September 11. From the gridlock of East Coast cellular networks to the tracking of Al Qaeda leaders' satellite phones that crisis brought attention to the basic human needs for constant communications. Wireless communications are now interwoven through all aspects of modern urban life, both in crisis and in everyday activities.

This workshop will gather an inter-disciplinary group of scholars, thinkers, and practitioners to discuss the ways in which wireless communications are helping shape the future of cities as flexible, dynamic, and vibrant sites for human interaction. Do mobile phones make cities more livable or less? How do wireless interactions enhance or detract from our interactions with the people and places around us? What warning signs are there of negative outcomes from the spread of mass mobile communications? What demands are wireless users making on urban infrastructure and public spaces?

As we begin rebuilding lower Manhattan, it is essential that our visions address the important role of mass mobile communications on the future of cities. This workshop will attempt to reconcile the many ways in which people, cities, and wireless technologies are reshaping each other in the contemporary city. Complimentary Wi-Fi Internet access will be provided throughout the duration of the conference. We will also provide a local chat system for conference participants. Continental breakfast will be served.

List of Speakers: Richard Beckwith, People and Practices Research Group, Intel; John Gilbert, Rudin Management Company; Steven Johnson, Author; Mike Joroff, MIT School of Architecture; Mitchell L. Moss, NYU Taub Urban Research Center; Nick Noe, Policy Analyst, New York City Council; Richard O'Bryant, MIT; Jonah Peretti, Eyebeam Atelier; Howard Rheingold, Author; Terry Schmidt, NYCwireless." (Taub Urban Research Center)

Time: 8:30 am to 4:30 pm

Location: 100 Washington Square East, Hemmerdinger Hall, NYU Main Building, Room 102

To Register: e-mail ttr203@nyu.edu or call 212-998-7524

Monday, April 7 and Tuesday, April 8, 2003

"New Roofs for a New Century"

New York City

"Earth Pledge is proud to co-host 'New Roofs for a New Century,' a two-day conference in New York City to explore the use of roofs as a platform for sustainability in the built environment of the 21st Century. The conference, April 7 & 8 at 3 West Club in Manhattan, will feature presentations on cutting-edge roofing technologies - including vegetated 'green roofs,' photovoltaic installations, and reflective and metal 'cool roofs.' Case studies of exceptional projects will be discussed, as will the use of these technologies at regional scales. Speakers include: Stephen Kellert of the Yale School of Forestry and Environmental Studies, Manfred Kohler, of the University of Applied Sciences in Neubrandenburg, Germany, Ed Smelloff, of the San Francisco Public Energy Commission, Stephen Peck of Green Roofs for Healthy Cities in Toronto, and Eva Wong of the EPA Heat Island Reduction Initiative." (EarthPledge)

Location: 3 West Club, 3 West 51st St., New York City

Web: <http://www.eba-nys.org/Events/2003/2003nrnc/0708Apr03NRNCAgenda.htm>

Sunday, April 6 to Thursday, April 10, 2003

"9th Conference on the Application of
Transportation Planning Methods"

Baton Rouge, Louisiana

The Transportation Research Board brings the 9th Conference to the Radisson Hotel and Conference Center in Baton Rouge, Louisiana.

Web: <http://www.ltrc.lsu.edu/TRBConference>

Tuesdays, March 25 through April 15, 2003

"The Law of Urban Open Spaces: A Continuing Legal Education Series"

The Municipal Art Society presents a series of sessions on legal issues behind urban open spaces:

* "The First Amendment and Public Spaces"

Tuesday, March 25, 2003, 8:30-10:00 a.m.

Philip Weinberg, Professor of Law, St. John's University School of Law; Gabriel Taussig, Division Chief, Administrative Law Division, New York City Law Department; Richard Emery, Partner, Emery Celli, Cuti & Brinckerhoff LLP

* "Open Space Preservation, Parkland and the Public Trust Doctrine"

Tuesday, April 1, 2003, 8:30-10:00 a.m.

Alessandro Olivieri, Counsel to the New York City Department of Parks and Recreation; Albert Butzel, Chair, Hudson River Park Alliance and President, Friends of Hudson River Park; William Ginsberg, Professor of Law, Hofstra University; Holly Leicht, Director of Issues, Planning and Advocacy at the Municipal Art Society

* "Privately Owned Public Space"

Tuesday, April 8, 2003 8:30-10:00 a.m.

David Karnovsky, Counsel to the New York City Department of City Planning; Jerold Kayden, Professor of Urban Planning at the Harvard Design School; Andrew Manshel, Vice President for Finance and Administration at Barnard College; Michael Gerrard, Partner, Arnold and Porter, General Counsel to the

Municipal Art Society

* "Streets and Sidewalks"

Tuesday, April 15, 2003, 8:30-10:00 a.m.

Seth Cummins, Counsel to the Brooklyn Borough President; Chris Collins, Counsel, New York City Council Land Use Committee; Gerard K. Ryan, Esq., Kelner & Kelner Law Firm

*Each lecture will be moderated by Michael S. Gruen, Counsel, Vandenberg and Felio

Location: The Municipal Art Society (at the Urban Center), 457 Madison Avenue (between 50th and 51st Streets - north side of the courtyard)

CLE Credit: 1.5 Professional Practice Credits Per Program

Fee: \$50 for members, \$60 for nonmembers per program. To register for all four programs, \$170 for members, \$200 for nonmembers.

Registration: e-mail jmatt@mas.org; register over the phone using your Mastercard, Visa or AMEX at (212) 935-3960.

Financial Hardship: Any attorney with an annual income of less than \$50,000 shall be entitled to a 50% discount upon request. Please call (212) 935-3960 and ask for the Continuing Legal Education contact person for more information.

Tuesday, March 25 through Wednesday, April 23, 2003

"The Swiss Section: Cities, Public Space & Infrastructure"

New York City

The Van Alen Institute houses the architectural component of the 2003 Swiss Peaks Festival, examining public design in Switzerland. The exhibit includes innovative works by renowned urban designers, and a focus is given up the attention of the Swiss to the infrastructure of transportation and movement.

Days: Monday through Fridays, until April 23

Location: The Van Alen Institute, 30 West 22nd St, between 5th & 6th Avenues,

Flatiron/Chelsea (F/V & N/R/W to 23rd St. stations)

Contact: 1-212-924-7000 or vanalen@vanalen.org

Web: www.swisspeaks.org.

Friday, April 23, 2003

"Shaping the Region for the 21st Century:
Regional Plan Association's 13th Regional Assembly"

New York City

RPA hosts their 13th Regional Assembly, focusing on how the New York region can grow in a new 21st Century context. "Now that the region is mired in an economic downturn, it is more difficult to find funding needed for major projects. Time and again we sacrifice long-term financing to short-term political expediency, and we fall further behind our global competitors. The crisis shouldn't be an excuse to delay long-term investments. Clear signals are needed from the public and the civic community to begin the debate on how best to invest for sustainable long-term growth. The region needs to respond to a broad set of questions about its changing role in world markets. Thus, the Regional Plan Assembly will focus on how the region can grow in the new 21st Century context." (RPA)

Keynote address will be given by Hillary Rodham Clinton, U.S. Senate. Roundtable panelists include Roland Betts, Chairman, Chelsea Piers; Dan Doctoroff, Deputy Mayor, Economic Development, City of New York; Charles Gargano, Chairman, Empire State Development Corporation; Robert Menendez, U.S. House of Representatives; Kathy Wylde, President, New York City Partnership. The panel will be moderated by Richard C. Leone, President, The Century Foundation. A luncheon address will be given by Pasqual Maragall, former Mayor of Barcelona. A series of workshops will also be held in the afternoon.

Time: 8:00 am to 2:30 pm

Location: NY Marriott Marquis, 1535 Broadway at 46th St., New York City

Fee: \$105 before April 18th, \$125 after

Registration: Amanda Jones at 212-253-2727 x317 or e-mail amanda@rpa.org

Web: www.rpa.org

Tuesday, April 29, 2003

"Role of Intelligent Transportation Systems (ITS)
in Transportation Security"

New York City

"The New York City Department of Transportation in cooperation with the New York State DOT Region-11, and assisted by the Urban ITS Center at Polytechnic University will host a transportation security workshop on April 29, 2003, 8:00 AM - 5:00 PM at the MetroTech Brooklyn Campus of the Polytechnic University. The purpose of this daylong workshop is to exchange information and discuss transportation security issues facing public agencies and identify how ITS solutions and technologies can be utilized to strengthen our efforts and cooperation among all public and private entities involved in transportation in the City. All transportation professionals, consultants, students, and vendors are cordially invited to participate in this important event designed to arrive at the means to improve transportation security and keep the Big Apple in motion." (NYCDOT)

Time: 8:00 AM - 5:00 PM

Location: Six Metro Tech, Dibner Hall Auditorium, Polytechnic University, Brooklyn, NY 11201

Fee: \$100 before 4/4, \$125 after

Contact: Juliette Acker, Polytechnic University, 718-260-3082 or e-mail usi@poly.edu

Web: www.poly.edu

Through Tuesday, April 29, 2003

"Assignment: Green - An Exhibit of Eco-Design Education"

New York City

"Assignment: Green, an exhibit of work by students from New York City colleges, spanning the design fields including architecture, planning, product/industrial design, fashion, graphics/communication design... is organized by O2/NYC and hosted by the Municipal Art Society of New York. Assignment: Green is intended to 'take the pulse of eco-design education in the city... and then to quicken that pulse.' The exhibit includes diverse work from design departments at Pratt, Parsons, Columbia, Cooper Union, FIT, CUNY and Fordham. Accompanying the exhibit will be a roundtable forum on promoting the growth of green design education. The public forum, on Wednesday, April 2 at 6:00 pm, will be moderated by Susan Szenasy, editor of Metropolis magazine, and will include educators, students and design practitioners. (RSVP 212 935 3960.)" (O2/NYC, MAS)

Location: The Urban Center Galleries, 457 Madison Avenue, at 51st Street

Contact: (212) 935-3960

Web: www.o2-usa.org/nyc or www.mas.org.

Wednesday, April 30 to Friday, May 2, 2003

"Envirodesign 7"

Washington, DC

This conference, offered by IS and Green@Work Magazines, brings 10 major environmental design workshops to Washington, DC. Workshop topics include: green theory & design, green business practices, communities, case studies, product design & development, energy, materials, health & safety, future trends, and sustainable mobility. The event features a multitude of keynote speakers, a product expo, site tours of DC, Maryland, and the Acacostia Watershed. A private tour of the National Building Museum's "Big and Green" exhibit will be given.

Contact: Jenny Burgess @ 1-561-627-3393 or jburgess@lcclark.com

Through June 15, 2003

"Living Inside the Grid"

"The New Museum of Contemporary Art concludes its 3 part series exploring the growing

confluence of technology, architecture & urbanism in contemporary art & culture - 'Spatial Dynamics: Perceptions in a Digital Age' - with a display of 36 computer-based works, sculptures, videos, photos & drawings showcasing 2 dozen emerging international artists whose independent works all use the grid motif. In the companion 160-page catalog, curator Dan Cameron writes, '(f)rom morning commutes... or even a walk in... city streets... to the last check of our e-mails at night, we involve ourselves in an infinite network of grids, which act in obvious or hidden ways to order our movements, our work, our thoughts, our leisure time and probably our dreams.'" (New Museum of Contemporary Art, Planners Calendar)

Times: Tuesday - Sunday
Location: 583 Broadway, between Houston & Prince, SoHo (N/R- Prince St, F/V/S- Broadway-Lafayette or 6- Bleecker St stations)
Cost: \$6/\$3 students & seniors; vistors 18 & under free; Thursdays 6:00-8:00PM \$3
Contact: 1-212-228-1222
Web: www.newmuseum.org

Through June 22, 2003

"Big & Green: Toward Sustainable Architecture in the 21st Century"

Washington, DC
"Worsening environmental conditions, stricter laws (especially in Europe), major technological advances & potential profits have spurred architects & engineers worldwide to design big buildings to use less energy, provide clear air, upgrade water quality &, in general, contribute to the well-being of the planet. Using photos, scale models & words, this provocative exhibit peers into the future of architecture, building technologies, urban planning & both the global & local environments. Among the highlights are plans by architect William McDonough to transform the immense Ford River Rouge complex into an avatar of environmental responsibility & a proposed football stadium for the NY Jets designed by Kohn Pedersen Fox Associates, for a site in Manhattan. Companion Thursday evening talks continue into May, including: on 2/27: '4 Times Sq & 1 Bryant Pk: Big & Green'; on 3/20: 'Engineering a Sustainable Environment: ARUP Case Studies.'" (National Building Museum, Planners Calendar)

Location: National Building Museum, 401 F St NW, between 4th & 5th streets, Downtown Washington, DC (Judiciary Sq metro station)
Contact: 1-202-272-2448 ext 3300, ehendricks@nbm.org
Web: www.nbm.org
Cost: free

The INFRASTRUCTURE INFORMER highlights innovative projects, practices, research and initiatives in the planning, financing, operation, and management of civil infrastructure systems. By focusing on innovation and collaboration among stakeholders, ICIS intends for the newsletter to both inform and connect various individuals and organizations from a range of disciplines and perspectives. It is also used to promote related infrastructure events and activities taking place around the country.

You are receiving this electronic newsletter because you have come into contact with ICIS in some way: virtually, through signing our web site guest book, or physically, through meeting someone connected to ICIS at a workshop or conference.

ICIS was established in January 1998 with funding from the National Science Foundation. Located at New York University, the ICIS consortium includes: NYU, Cornell University, Polytechnic University of New York, and the University of Southern California. We welcome comments or suggestions for future issues and encourage you to forward this newsletter on to colleagues and others who might be interested. If you have trouble accessing the full articles of this edition, please send your correspondence via email to icis@nyu.edu.

