The 7th International Seminar on Sustainable Environment & Architecture 20-21 November 2006, Hasanuddin University, Makassar, Indonesia

Organized by Department of Architecture Faculty of Engineering Hasanuddin University

**FIRST DAY SEMINAR, 20 NOVEMBER, 2006**

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<td>08.00 – 08.15</td>
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<td>08.20 – 08.50</td>
<td>Opening Speech</td>
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<td>- Prof.Dr.Ir. Slamet Trisutomo, MS Chairman of the Organizing Committee</td>
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<td>- Prof.Dr.Ir. H.M. Ramli Rahim, M.Eng Head of Department of Architecture, Hasanuddin University</td>
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<td>- Prof.Dr.dr. Idrus A. Patrusi, SpBO Rector of Hasanuddin University</td>
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<td>09.00 – 09.30</td>
<td>Keynote Speech I, Sustainable Planning And Construction For Water Friendly Architecture - Lessons From The Tsunami.</td>
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<td>Stephen S.Y. Lau, Department of Architecture, The University of Hong Kong, Hong Kong</td>
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<td>09.45 – 10.00</td>
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<td>10.00 – 10.15</td>
<td>Archipelascape: A Master Plan for Regeneration The Archipelagic Country</td>
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<td>Budi Prayitno, Center for Oceanic Architecture and Spatial Planning, Gadjah Mada University, Indonesia</td>
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<td>Mohd Hamdan Ahmad, Dilshan Remaz Ossen, and Agung Murti Nugroho, Department of Architecture, Faculty of Built Environment, Universiti Teknologi Malaysia, Malaysia</td>
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<td>Tetsu Kubota, Department of Urban and Regional Planning Faculty Of Built Environment, Universiti Teknologi Malaysia, Malaysia</td>
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<td>10.45 – 11.00</td>
<td>Efficient Energy Material for The Coastal City Building, Case Study Solid Clay Block Material in Surabaya.</td>
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<td>V. Totok Noerwasito and Mas Santosa, Department of Architecture Institut Teknologi Sepuluh Nopember Surabaya, Indonesia</td>
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<td>11.00 – 11.15</td>
<td>Rethinking The Waterfront Development</td>
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<td>S. Trisutomo, Department Of Architecture, Hasanuddin University, Makassar, Indonesia</td>
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<td>11.15 – 11.30</td>
<td>The Stepping Water Cascade Skylight In Surabaya: Energy Savings</td>
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<td>Danny Santosso Mintorogo, Member of Tropical Architecture Studies, Department of Architecture, Petra Christian University, Indonesia</td>
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<td>11.30 – 11.45</td>
<td>Water Friendly Coastal City</td>
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<td>Ananto Yudono, Cknet-Ina, Department Of Architecture, Faculty Of Engineering, Hasanuddin University, Makassar, Indonesia</td>
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<td>11.45 – 12.00</td>
<td>Discussion</td>
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<td>12.45 – 13.30</td>
<td>Keynote Speech II, Rethinking The Waterfront Development</td>
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<td>Rachmat Witoelar, Menteri Negara Kependudukan dan Lingkungan Hidup Republik Indonesia</td>
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<td>S. Felasari, Department Of Architecture, Faculty Of Engineering, Atma Jaya Yogyakarta University, Indonesia</td>
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<td>Baharuddin 2, Stephen S.Y. Lau 2 and Rosady Mulyadi 1, 'department of Architecture, Hasanuddin University, Makassar, Indonesia, 2department of Architecture, The University of Hong Kong, Hong Kong</td>
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<td>Agus Dwi Hariyanto, Member Of Tropical Architecture Research Group, Dept. Of Architecture, Petra Christian University, Indonesia</td>
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<td>14.30 – 14.45</td>
<td>Sustainable Spatial Development Plan of River Basin in Urban Areas, A Study Case of West Jakarta.</td>
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<td>Ady Rizalsyah Thahir, Architecture Department, Faculty of Civil Engineering and Planning, Trisakti University, Jakarta, Indonesia</td>
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<td>14.45 – 15.00</td>
<td>Approaches to Sustainable Architecture to Resort Development at Coastal Areas.</td>
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<td>Mariam Jamaluddin and Abd. Rahim Awang, Dept. of Architecture UiTM Shah Alam, Selangor, Malaysia</td>
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<td>15.00 – 15.30</td>
<td>Discussion</td>
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**PARELLEL SESSION I ROOM A: SUSTAINABLE PLANNING AND DESIGN (Part Two) Chairman: Himasari Hanan**

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<td>Water Efficiency In Housing Development.</td>
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<td>Sigit Wijaksono and Bob Saragih, Bina Nusantara University, Jakarta, Indonesia</td>
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<td>13.45 – 14.00</td>
<td>Fishing Settlements: A Sustainable Coastal Architecture Of Surabaya, Indonesia</td>
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<td>Endang Titi Sunarti Darjosanjoto, Sepuluh-Nopember Institute of Technology (Its) Surabaya, Indonesia</td>
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Agus Budi Purnomo, Trisakti University Urban Research Center, JL Klia Tapa, Grogol, Jakarta Barat. Indonesia.

Endah Tisnawati1 and Waluya Hadi2,1 yogyakarta Technology University, Yogyakarta, Indonesia, 2hasanuddin University, Makassar. Indonesia.

14.30 – 14.45 Concept of Coastal Society Housing Development.
Yusni Mustari And Suriana La Tanrang, Hasanuddin University, Makassar, Indonesia.

14.45 – 15.00 Tetean: A Sustainable Place In Bajosean Coastal Settlement. Case Study: Bajoje Village In Bone Regency, South Sulawesi.
Ria Wikantari and Syahriana Syam, Hasanuddin University, Makassar, Indonesia

15.00 – 15.30 Discussion

PARELLEL SESSION I ROOM C: STRUCTURE AND MATERIAL Chairman: Budi Prayitno

M.Wihardi Tjorange1, Herman Parung1, Stefan1 and Linda2,1 Department of Civil Engineering, Hasanuddin University Indonesia, 2 student, Department Of Civil Engineering, Hasanuddin University, Indonesia.

13.45 – 14.00 Innovative Material For Sea-Environment Friendly Concrete Structures.
Rudy Djanoaludin, Department of Civil Engineering Hasanuddin University, Makassar

14.00 – 14.15 Influence Of Sea Water On Flexural And Compressive Strength Of Portland Pozzolan Cement Mortar.
M.Wihardi Tjorange1, Abd. Madjid Akkas1, and Farhan Day2,1 Department Of Civil Engineering, Hasanuddin University, Indonesia, 2 student, Department Of Civil Engineering, Hasanuddin University, Indonesia.

14.15 – 14.25 Discussion

PARELLEL SESSION I ROOM C: COPING WITH WATER DISASTER Chairman: Herman Parung

Bambang Totopambudi and Lily Tambunan, Building Technology Laboratory, Department Of Architecture, SAPPK – ITB, Bandung, Indonesia

Lily Tambunan and Andy Widyowijanto, Building Technology Laboratory, Department Of Architecture, SAPPK – ITB, Bandung, Indonesia

Sugeng Triyadi S and Andi Harapan S., Architecture Department, Institute Of Technology Bandung, Indonesia

15.10 – 15.30 Discussion

15.30 – 16.00 Coffee Break

15.45 – 16.30 Product Presentation

16.30 – 17.30 Discussion & Dialog (Waterfront City Group UGM & Trisakti Univ.)

19.00 - …….. Welcome Dinner (The Major of Makassar City)

SECOND DAY SEMINAR, 20 NOVEMBER, 2006

07.30 – 08.00 Registration

08.00 – 08.30 Product Presentation

PARELLEL SESSION II ROOM A: SUSTAINABLE PLANNING AND DESIGN (Part Three) Chairman: Victor Sampelulu

08.30 – 08.45 The Implication Of The Usage Of Open Space Of Sentral Market Of Kendari City On Planning Of Public Space On Water Front Kendari Bay.
Arman Faslih, Dwi Rinnarsuri Noraduola, & Kurniati Ornam, Architecture Dept, Haluoleo University, Indonesia.

08.45 – 09.00 Safety Planning For Irrigation Construction Project.
Suwarna Hanizia, Construction Management Laboratory, Civil Engineering Department, Faculty Of Engineering, Hasanuddin University, Makassar, Indonesia.

09.00 – 09.15 Urban Tourism And Mice At Makassar Coastal Area.
Shirly Wunas1, And Andini Raisiya Pratwiti2,1 Department Of Architecture Hasanuddin University, 2 Postgraduate Student, Hasanuddin University

09.15 – 09.30 Cililung Riverbank Development in Jakarta: Challenges, Opportunities and Strategies.
Tulus Wiadiso & Irnem Sofyan, Department of Architecture, Faculty of Civil Engineering and Planning, Trisakti University Jakarta, Indonesia.

09.30 – 10.00 Discussion

10.00 – 10.15 Coffee Break

PARELLEL SESSION II ROOM B: WATER AND HUMAN SETTLEMENT (Part Two) Chairman: Ria Wikantari

08.30 – 08.45 Water Requirement For High-Rise Building In Bandung. Case Study: Braga City Walk, Bandung.
Sugeng Triyadi S., And Andini Radisya Pratiwi1,1 Architecture Department, Institute Of Technology Bandung

08.45 – 09.00 Buginese Waterfront Settlement And Their Livelihood In Jakarta Coastal Area.
Hendro Prabowo, Agus Suparaman, Wahyu Prakoso, and Agung Wahyudi, Department Of Architecture, Gunadarma University, Jakarta

09.00 – 09.15 Harmony Living With Nature. Learning From Sentani Lake Human Settlement.
Moerdjoko, Department Of Architecture Trisakti University, Jakarta

09.15 – 09.30 Macro And Micro Space Analysis Of Fisherman Housing At Coastal Area “Boddia”.
Idawarni, Department Of Architecture, Hasanuddin University, Makassar

09.30 – 09.45 Fisherman’s Houses Morphology At Galesong, Regency Of Takalar.
Samsuddin Amin and Nurmaida Amri, Student, Hasanuddin University, Makassar, Indonesia.

09.45 – 10.00 Discussion

PARELLEL SESSION II ROOM C: THERMAL & ENVIRONMENTAL ARCHITECTURE Chairman: Ananto Yudono

08.30 – 08.45 The Optimum Solar Chimney Geometry For Stack Ventilation In Malaysian Condition.
Agung Murti Nugroho1 and Mohd Hamdan Ahmad2,1 PhD Candidate, 2 Associate Professor, Department Of Architecture, Faculty Of Built Environment, Universiti Teknologi Malaysia, Malaysia

08.45 – 08.55 Thermal Performance Of Skin Construction System Of Javanese Village Houses In The Coastal As The Lowest Altitude Region.
Fx Teddy Badai Samodra & Mas Santosa, Dept. of Architecture, ITS, Surabaya. Indonesia.

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08.55 – 09.05 Image Of Village Architecture In The Watery Area And Its Environment Influences To The Building Through Opening.
Fx Teddy Badai Samodra And Mas Santosa, Department Of Architecture, Institut Teknologi Sepuluh Nopember Surabaya, Indonesia.

09.05 – 09.20 Outdoor Thermal Environment Surrounding Water Elements In Hot Humid Area.
Surjamanto Wonoraardjo And M. Donny Koerniawan, Laboratory Of Environmental Building Control, Department Of Architecture – ITB, Ganesha 10 Bandung 40132 Indonesia

09.20 – 09.35 Thermal Comfort, Waterfront And The Outdoor Utility Pattern A Case Study Of The Waterfront Leisure Area In Singapore.
Inavonna, Architecture Department, Faculty Of Civil And Planning, Trisakti University, Indonesia

09.35 – 09.50 The Thermal Behavior At A High Density Environment. Case Study In Surabaya/Surakarta, Malang, And Sunanep
B. Heru Santoso1, And Mas Santosa2,1,architecture Department Sebelas Maret University,Surakarta, Ph.D Student At ITS Surabaya, 1architecture Department ITS Surabaya, Indonesia.

09.50 – 10.00 Discussion

10.00 – 10.15 Coffee Break

PARELLEL SESSION III ROOM A: WATER FOR LEISURE AND DAILY USES Chairman: Eka Sediadi Rasyad

Arya Ronald, Department Of Architecture and Planning, Faculty of Engineering, Gadjah Mada University, Yogyakarta, Indonesia.

10.30 – 10.45 Designing Area Along-Side Urban Drainage Into Green Open-Space And Water For Leisure (Case Study: Along Sidewalk Urban Drainage At Raya Jemursari Street-Surabaya)
Wanda W. Canadarma And Luciana Kristanto, Members Of Tropical Architecture Researcher And Lecturers Of Department Of Architecture, Petra Christian University, Surabaya.

10.45 – 11.00 Public Assessment In The Planning Of Tanjung Bunga Recreation Area – Makassar
Riekie H. Fangkeregko And Ihsan, Department Of Architecture, Hasanuddin University, Indonesia.

11.00 – 11.15 Tourism And Environmental Quality In Makassar West Coast.
Triyatni, Department Of Architecture, Hasanuddin University

11.15 – 11.30 Water As An Urban Esthetic
Bambang Heryanto, Department Of Architecture, Hasanuddin University

11.30 – 12.00 Discussion

PARELLEL SESSION III ROOM B: WATER AND HUMAN SETTLEMENT (Part Three) Chairman: Sugeng Triyadi. S

10.15 – 10.30 Spatial Mixing And Fluidity In Lao-Lae Isle. A Study On Behavior And Physical Setting.
Affah Harisah, Asniawaty, And Nasruddin Junus, Department Of Architecture, Hasanuddin University, Makassar Indonesia.

10.30 – 10.45 Fishing Village As Playing Context For Children: Analysis Of Children Activities In Rural Architecture
Isnaini Said, Department Of Landscape Architecture, Faculty Of Built Environment, Universiti Teknologi Malaysia, 81310, Sekudai, Johor, Malaysia.

10.45 – 11.00 Analyzing Of Passive System Design Of Traditional Houses In The Tropical Lowland. Case Study: Madura Traditional Houses.
Rosalia Niniek Srillestari1, Mas Santosa2, and I G. N. Antaryaama2,1,architecture Department, Merdeka University, Malang, 1architecture Department, Institute Of Technology Sepuluh November, Surabaya

11.00 – 11.15 Canal Community Development And The Local Sustainability.
Joyce M. Laurens, Petra Christian University, Indonesia.

11.15 – 11.30 Connectivity Between The Water, Foreshore And The Hinterland In Coastal Settlements. Case Study: Pancer-Banyuwangi (Hit By Tsunami In 1995), Himasari Hanan, Department Of Architecture ITB, Indonesia

11.30 – 12.00 Discussion

PARELLEL SESSION III ROOM C: SUSTAINABLE PLANNING & DESIGN AND THERMAL & ENVIRONMENTAL ARCHITECTURE (Combined Sub Themes) Chairman: Baharuddin Hamzah

10.15 – 10.30 Environment Preservation Effort For Coastal Area Development
Zenaida Toban, Department Of Architecture Hasanuddin University, Indonesia.

10.30 – 10.45 Optimisation Planning And Site Design As Effort To Sustainable Development
Nashrah Asyad, Academic Staff At Architecture Of Technical Faculty, Moeslim Indonesia University, Makassar

10.45 – 11.00 Losari : Waterfront And Public Space Of Makassar
Khilda Wildana Nur1, Rosady Mulyadi2,1, and Ramli Rahim2,1,undergraduate Student, Architecture Department, Hasanuddin University, 1architecture Department, Hasanuddin University

11.15 – 11.30 Sustainable Ecology Aspect Of Architecture House Of Dutch Colonial At Tropical Climate
Rahmi Amin Ishak, Lecturer At Department Of Architecture, University Of Hasanuddin, Indonesia

11.00 – 11.15 A Study Of Thermal Comfort In Mosque Of Al-Markaz Al-Islamy Makassar.
Susita Mulasari Samat1, Nurul Jamala2, and Ramli Rahim2,1,undergraduate Student, Department Of Architecture, Hasanuddin University, 1architecture Department, Hasanuddin University

11.30 – 11.45 Thermal Comfort At Production Room Of Batsudan Industry In Makassar.
Mustamir Rahim1, Rosady Mulyadi2,1, and Muhammad Irawan2,1,architecture Department Of Architecture Faculty Of Production Engineering Khairun University, Indonesia, 1department Of Architecture Hasanuddin University, Indonesia

11.45 – 12.00 Role Of Waterfront In Creating Environment Comfort Town
Juhana, Department Of Architecture, Moeslim Indonesia University, Makassar

12.00 – 12.15 Discussion

12.00 – 13.30 Closing Ceremony
13.30 – …… Lunch and Praying Time

END OF SEMINAR