PERMUKIMAN LAUT

Aditianata

PERMUKIMAN

- Permukiman ≠ Perumahan
- Undang-Undang No.1 tahun 2011 :

  bagian dari lingkungan hunian yang terdiri atas lebih dari satu satuan perumahan yang mempunyai prasarana, sarana, utilitas umum, serta mempunyai penunjang kegiatan fungsi lain dikawasan perkotaan atau kawasan perdesaan.

- Koestoer (1995) :

  batasan permukiman adalah terkait erat dengan konsep lingkungan hidup dan penataan ruang. Permukiman adalah area tanah yang digunakan sebagai lingkungan tempat tinggal atau lingkungan hunian dan tempat kegiatan yang mendukung peri kehidupan dan merupakan bagian dari lingkungan hidup di luar kawasaan lindung baik yang berupa kawasan perkotaan maupun perdesaan

PERMUKIMAN

- Parwata (2004) :

  suatu tempat bermukim manusia yang telah disiapkan secara matang dan menunjukkan suatu tujuan yang jelas, sehingga memberikan kenyamanan kepada penghuninya.

- Van der Zee (1986) :

  Permukiman *(Settlement) merupakan suatu proses seseorang mencapai dan menetap p*ada suatu daerah

- Doxiadis (1967) :

  Permukiman adalah tempat manusia hidup dan berkehidupan.

EKISTICS

EKISTICS (modern Greek: ΟΙΚΙΣΤΙΚΗ ΟΙΚΙΣΤΙΚΗ ΟΙΚΙΣΤΙΚΗ ΟΙΚΙΣΤΙΚΗ is derived from the ancient Greek adjective οικιστικος more particularly from the neuter plural οικιστικα as physics is derived from φυσικα Aristotle). The ancient Greek adjective οικιστικος meant: "concerning the foundation of a house, a habitation, a city or colony; contributing to the settling." It was derived from οικιστικης an ancient Greek noun meaning "the person who installs settlers in place". This may be regarded as deriving indirectly from another ancient Greek noun, ο κισις meaning "building", "housing", "habitation", and especially "establishment of a colony, a settlement, or a town" (already in Plato), or "filling with new settlers", settling", "being settled". All these words grew from the verb οικιζω to settle and were ultimately derived from the noun ο κος house", "home" or "habitat

Ekistics mempunyai arti yang lebih luas dari sekedar permukiman. Di dalamnya termasuk pengertian mengenai hubungan manusia dengan manusia, dengan masyarakat dan dengan alam

EKISTICS

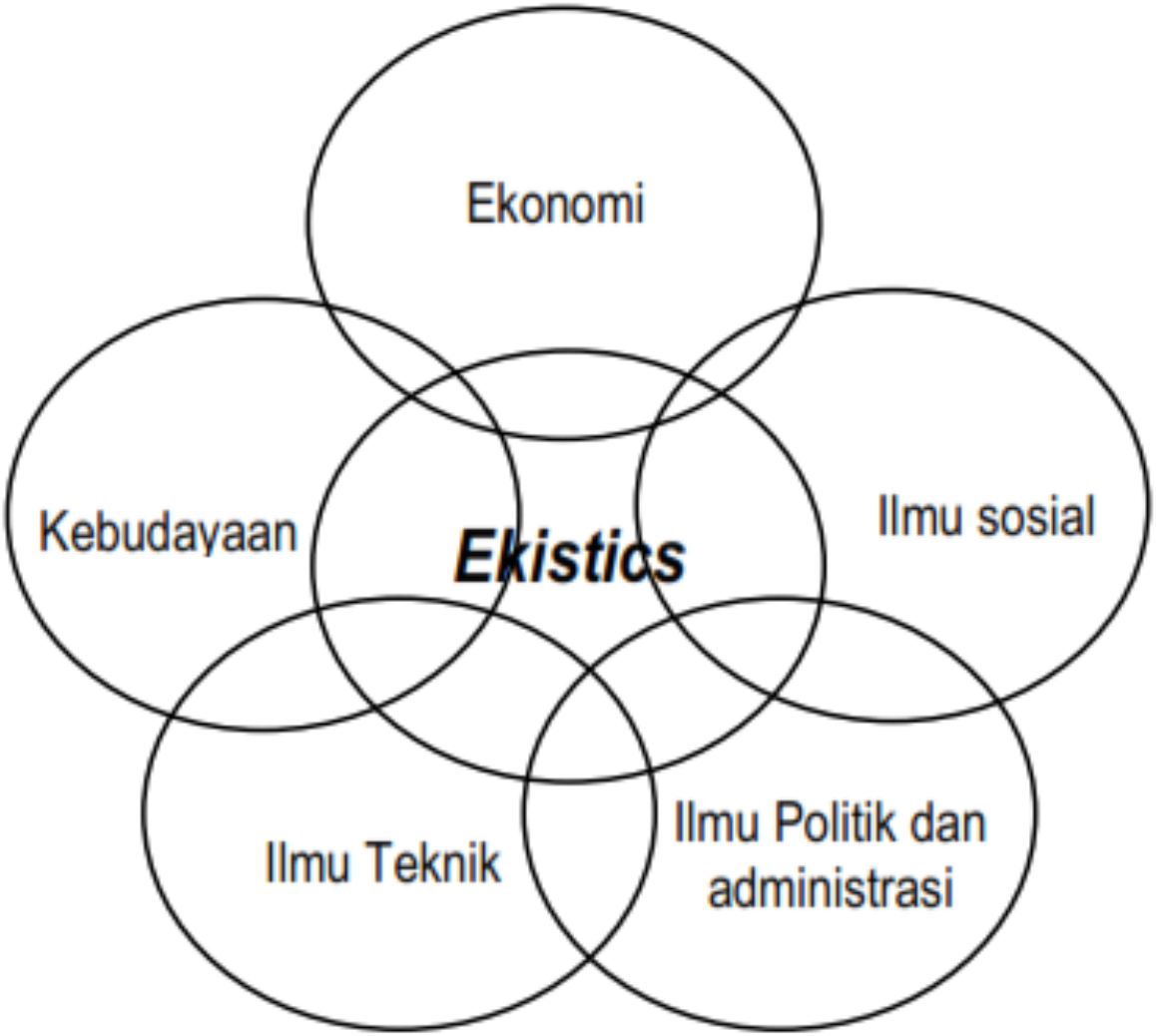
Terdiri dari :

- *the content* (isi) yaitu manusia
- *the container* (tempat fisik manusia tinggal yang meliputi elemen alam dan buatan manusia)

Elemen Ekistics:

- Alam, memberikan pondasi tempat permukiman terbentuk atau dibentuk dan kerangka yang di dalamnya suatu permukiman dapat berfungsi;
- Manusia;
- Society;
- Shells, suatu struktur yang di dalamnya manusia dapat hidup dan berkehidupan sesuai fungsinya;
- Jejaring, baik yang alamiah maupun yang buatan yang memfasilitasi berfungsinya suatu permukiman (misalnya Jalan, listrik, air)

EKISTICS


Ekonomi
Kebudayaan
Ekistics
Ilmu sosial
Ilmu Teknik
Ilmu Politik dan administrasi

TANTANGAN MEMBANGUN NEGARA KEPULAUAN






Rumah Lanting (3 x 4 m2) dan rumah air di Sungai Kapuas Sanggau

http://www.melayuonline.com/news/?a=aU5xUi9vZGUoQU5T=

Rumah di atas air, Ternate

http://easytoreiki.blogspot.com/2008/08/gambar-foto-ternate.html

Fotografer: Chandra Hidayat 66)
Lokasi: Sungai Kalimantan Selatan, Indonesia

http://www.fotografer.net/isi/galeri/lihat.php?id=753348

Pulau Peucang, http://yudhiapr.blogdetik.com/category/my-vacations/


Sumber: T.U.Atmoko

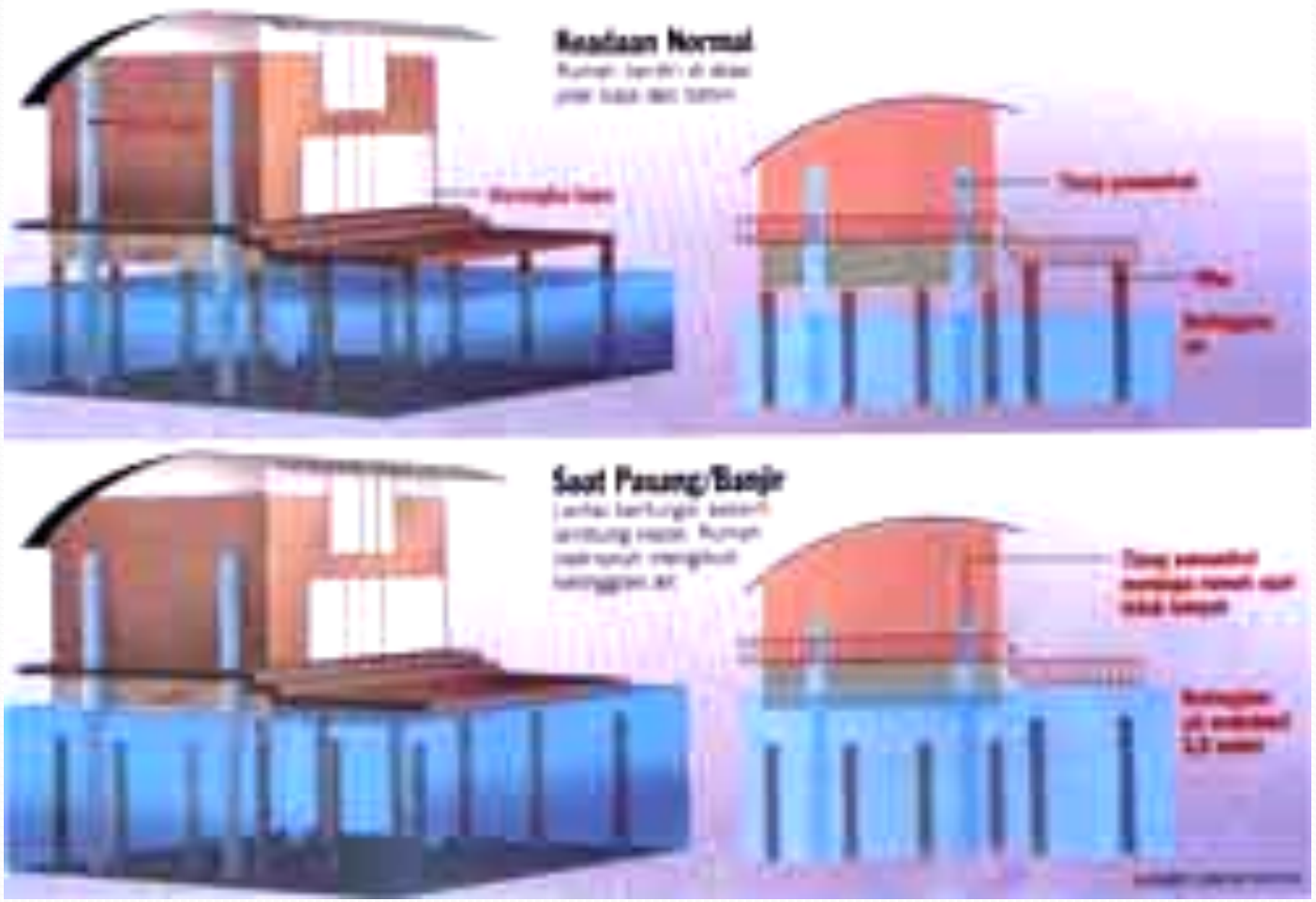
Anak sekolah Suku Laut Pulau Tanjung Sauh

http://ikapunyaberita.wordpress.com/page/64/

http://manampin.com/wp-content/uploads/2008/06/wisma-apung-jaya-karimun_4.jpg

Rumah Air - Ratusan rumah bantuan korban tsunami yang dibangun di desa Kuala Bubon, Kecamatan Samatiga, Aceh Barat yang merupakan bantuan dari salah satu lembaga donor di Aceh kini sudah rampung serta menimbukan daya tarik tersendiri bagi masyarakat yang melintas.
(Foto: Acun/2008) Diposkan oleh Fachrur Rizha di 09:04

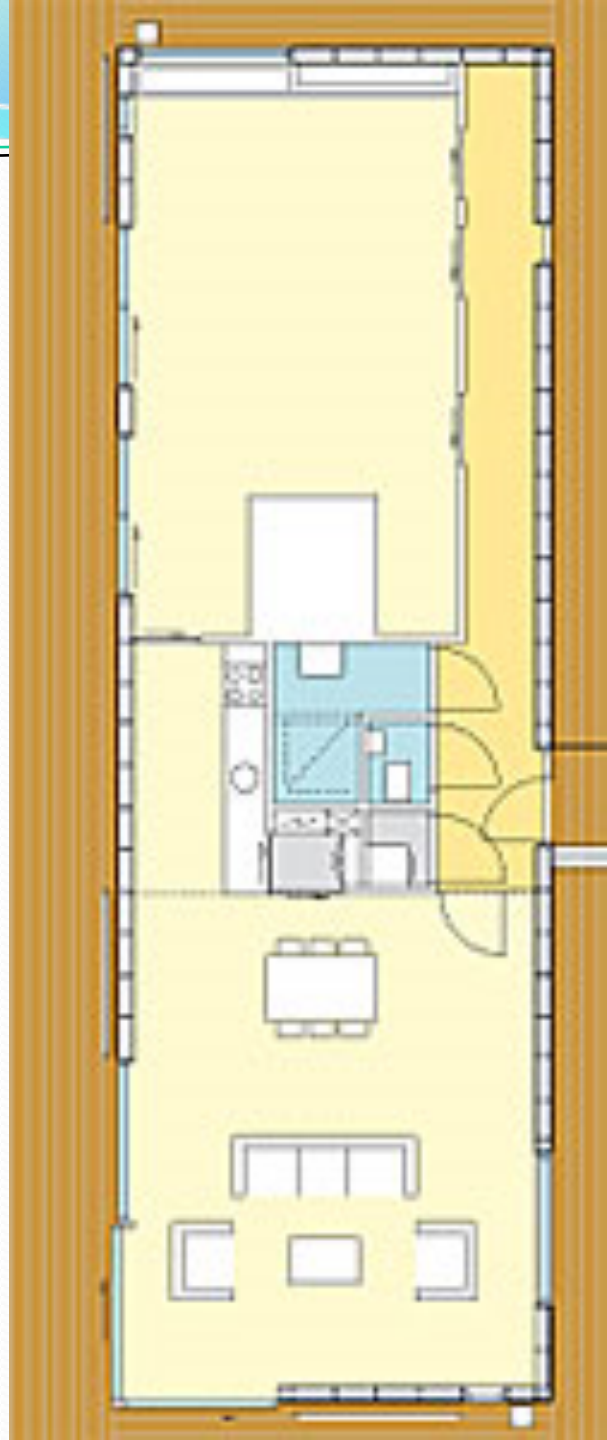
http://bangcut.blogspot.com/2008/07/rumah-air-ratusan-rumah-bantuan-korban.html



http://www.whandi.net/gambar/Rumah%20Anti%20Banjir.jpg

Floating Home, Willamette Channel, Sauvie Island

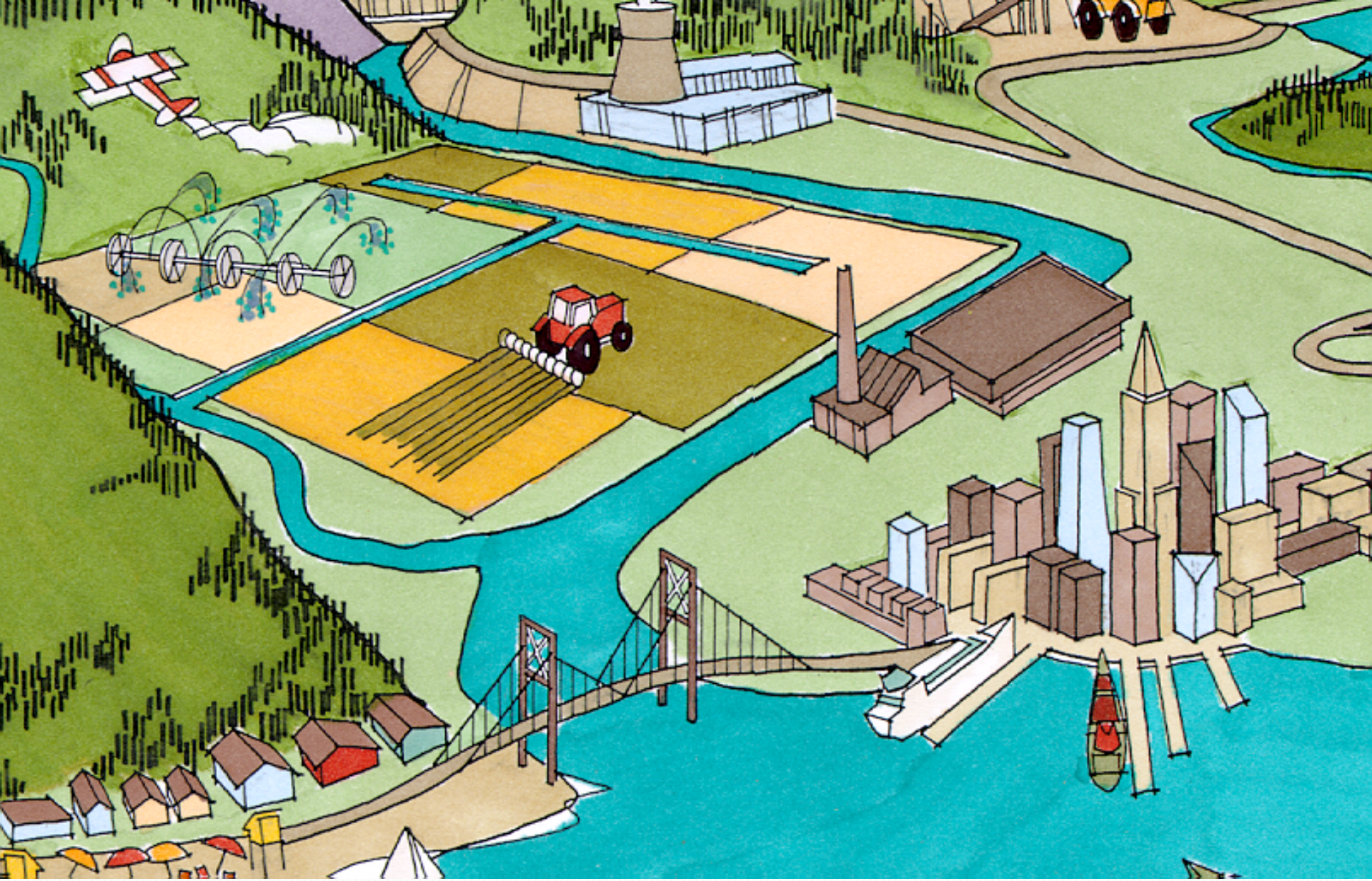
http://www.pbase.com/chilite/image/88519240



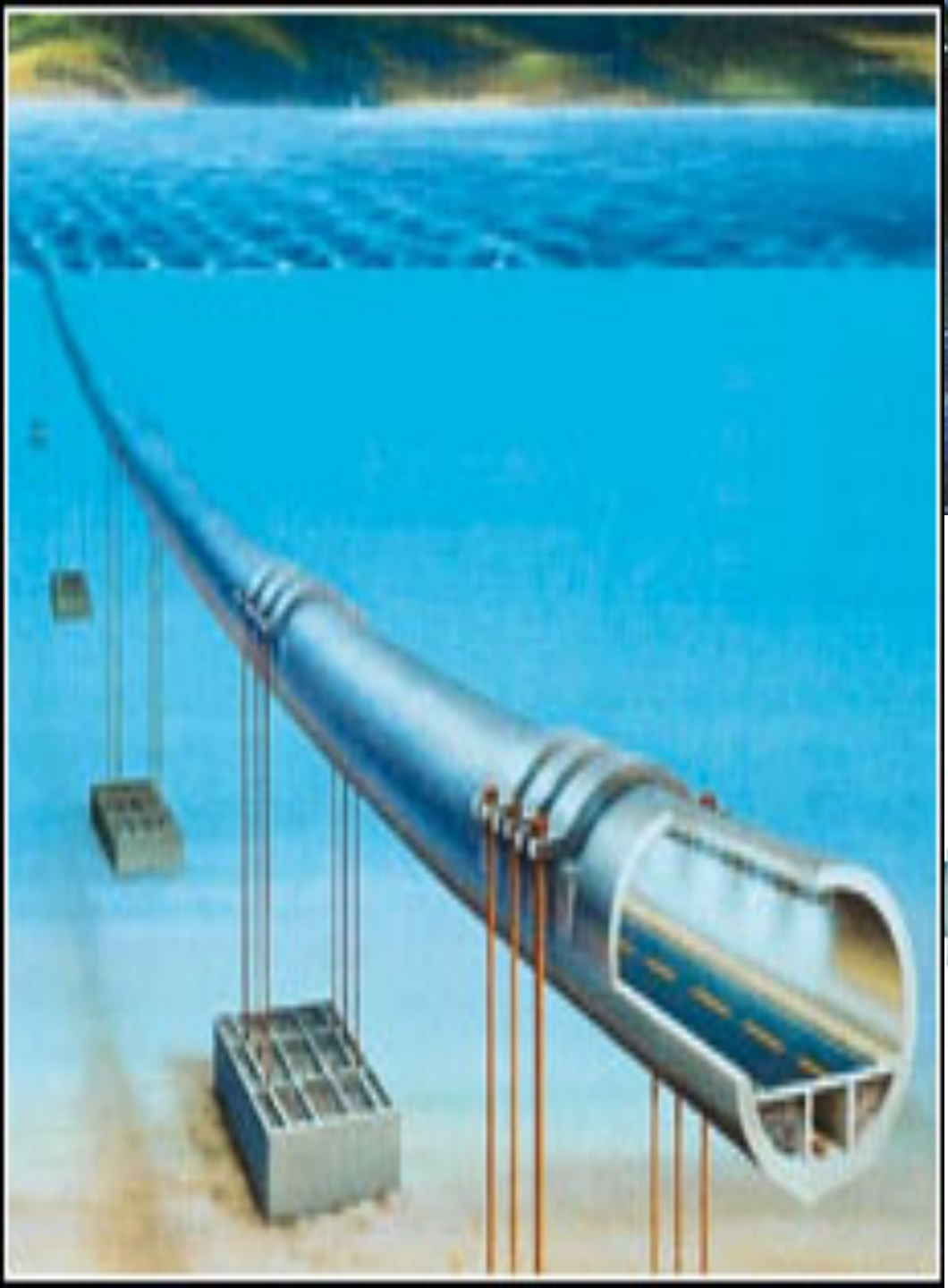
Thijs Westerbeek van Eerten
29-02-2008

http://www.ranesi.nl/tema/detakbumi/rumah_kapal080229

http://wb3.indo-work.com/pdimage/66/248066_picture20.jpg



Penggunaan tapak kawasan daratan pesisir




Bali
Bali
Denpasar
Pulau Penida
© 2007 Europa Technologies
Image © 2007 TerraMetrics
25.0 mi
Google
Pointer 8°27'51.39" S 115°04'22.09" E elev 1116 ft Streaming 100%
Eye alt 85.81 mi


Image © 2006 DigitalGlobe
© 2006 Europa Technologies
501 m
Google
Pointer 26°14'36.81" N 50°32'28.02" E elev 2 m Streaming 1% Eye alt 1.75 km

Photo 3 Artificial Beach

…termasuk pembangunan pulau buatan….

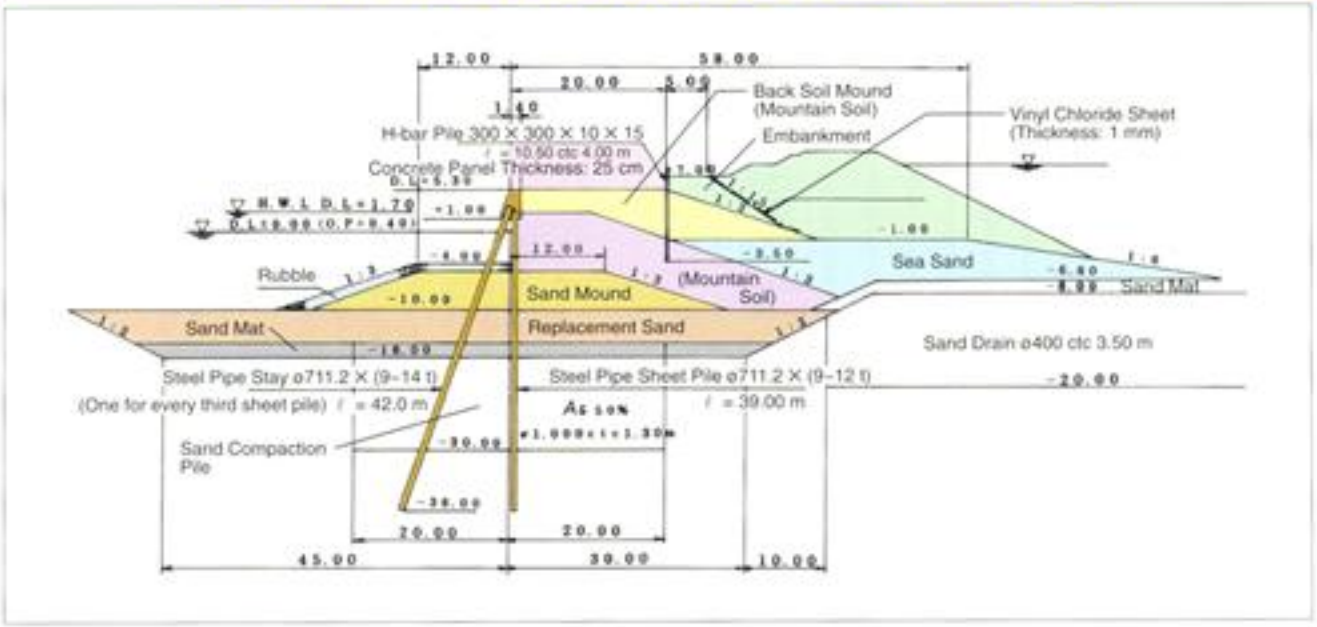


Fig. 3 Seawall C, Maishima

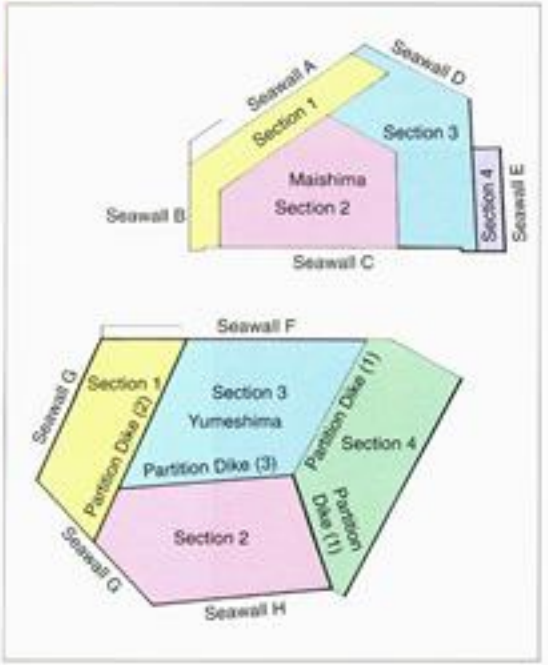
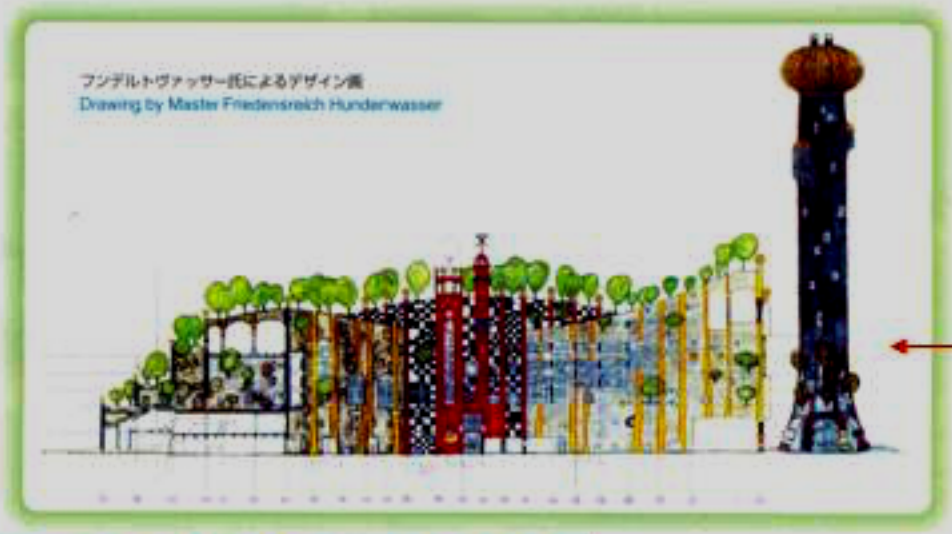
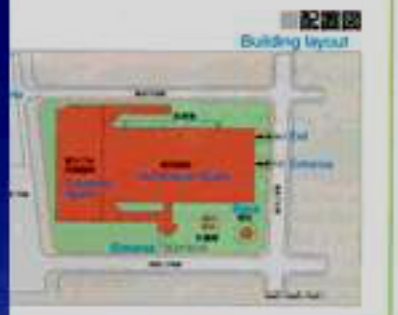


Fig. 2 Plan View of Maishima and Yumeshima





R100

Contoh
Pulau Buatan Osaka
untuk Penunjang
Pelayanan Kota
Daratan

…atau kehidupan berbasis perairan agar daratan tetap hijau….


© 2006 Europa Technologies
Image © 2006 DigitalGlobe
214 m
Google


© 2009 Google
Image © 2009 DigitalGlobe
© 2009 Tele Atlas
© 2009 AND
Google


Image © 2009 DigitalGlobe
Image © 2009 TerraMetrics
© 2009 Europa Technologies
Google
elev 15 m
Jul 19, 2009
Eye alt 2.22 km

…bahkan penyiapan kehidupan setelah pemanasan global tak terhindari….

www.floatinghomes.com

The Float Home Lifestyle Site.
Courtesy of INTERNATIONAL MARINE FLOATATION SYSTEMS INC.

View of a Floating Home Community Developed by IMF

A Selection of Individually Designed Floating Homes

Architect: Mark Ankenman 3000 sq.ft.

Architect: Gene Morris

Architect: Dan White

Architect: Mark Ankenman

Architect: Chernoff Thompson

Architect: Mark Anthony

Architect: Mark Munroe

Designed by Owner 900 sq.ft.

First IMF Floating home in Europe. Launched June 24, 1999 by our licensee Ooms Avenhorn, Netherlands.

A Complete Floating Home Subdivision

Designed and Built by IMF

For more information on Floating Home Communities, please visit the Marina West homepage.

For more information on Floating Homes for sale, please visit the Floating Homes Classified Ads.

Specialties

Two stories above, one below the surface. Architect: Gene Morris

Self-Contained for remote coastal locations.

A three-unit Bed & Breakfa Designed by Owner.

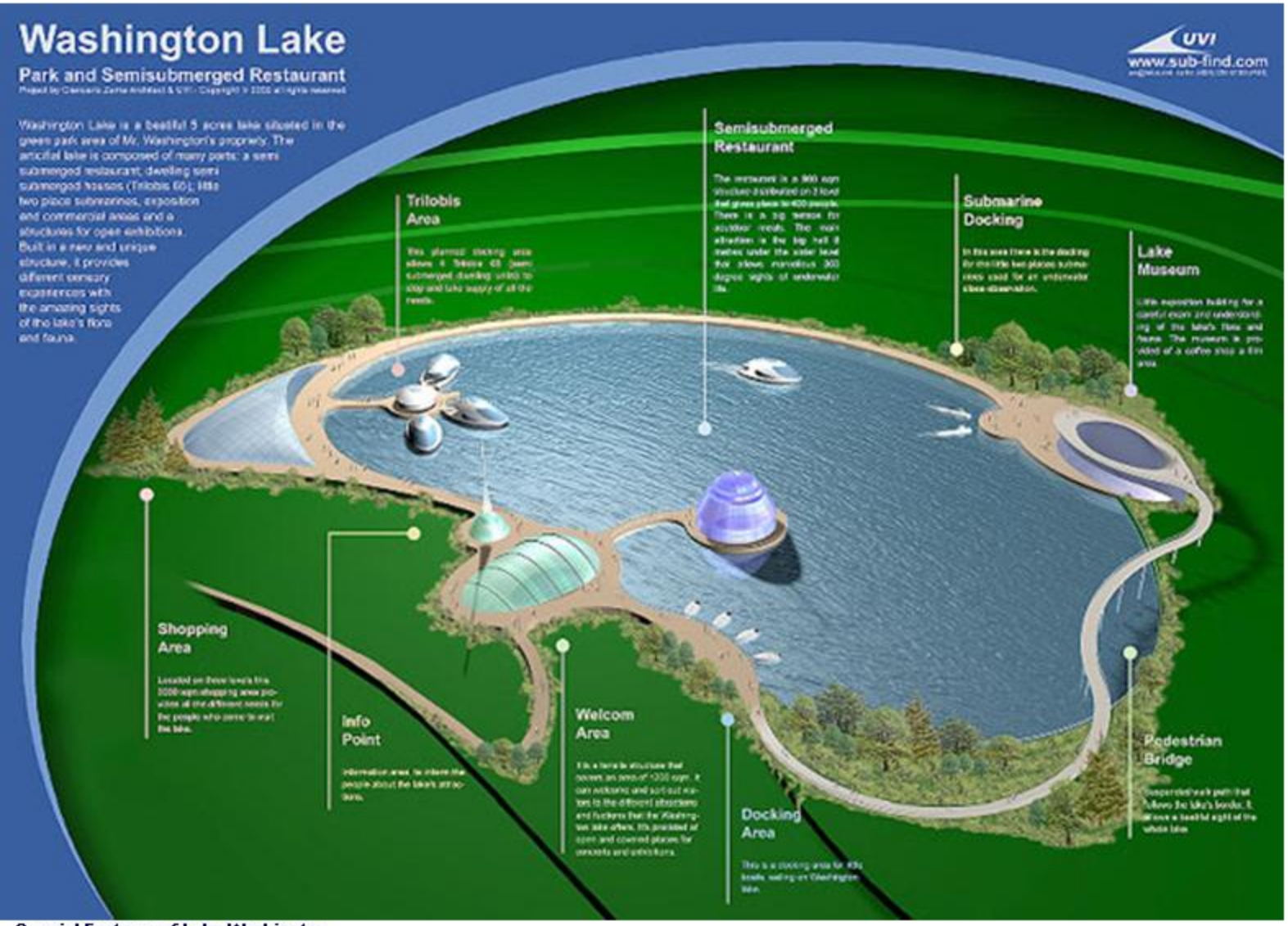
Houseboat towed 400km to final location.

Replacement Floats

Underwater Habitats - Trilobis 65 Floating Home [sub-find.com/trilobis65.htm]
Floating homes.

blueblau.stumbleupon.com/tag/houses/

Lake Washington - Commercial and Recreational Park



Special Features of Lake Washington

- **First class Dining Facility** - including 360 degree underwater lower eating area with illuminated underwater viewing of submerged wreck and small manned submersibles
- **Glass enclosed Mall** - featuring tropical avian area
- **Trilobis 65 residences** - floating homes with underwater viewing
- **Submarine Docking and Instruction Area** - learn how to pilot a small dry one atmoshers submersible or rent a sailboat or electric boat
- **Welcome Area** - information area and main entrance
- **Concert and Music Park** - special area for live waterside performances
- **Business Conference Area** - special facility for business meetings and lectures

Jelly-fish 45 Habitat

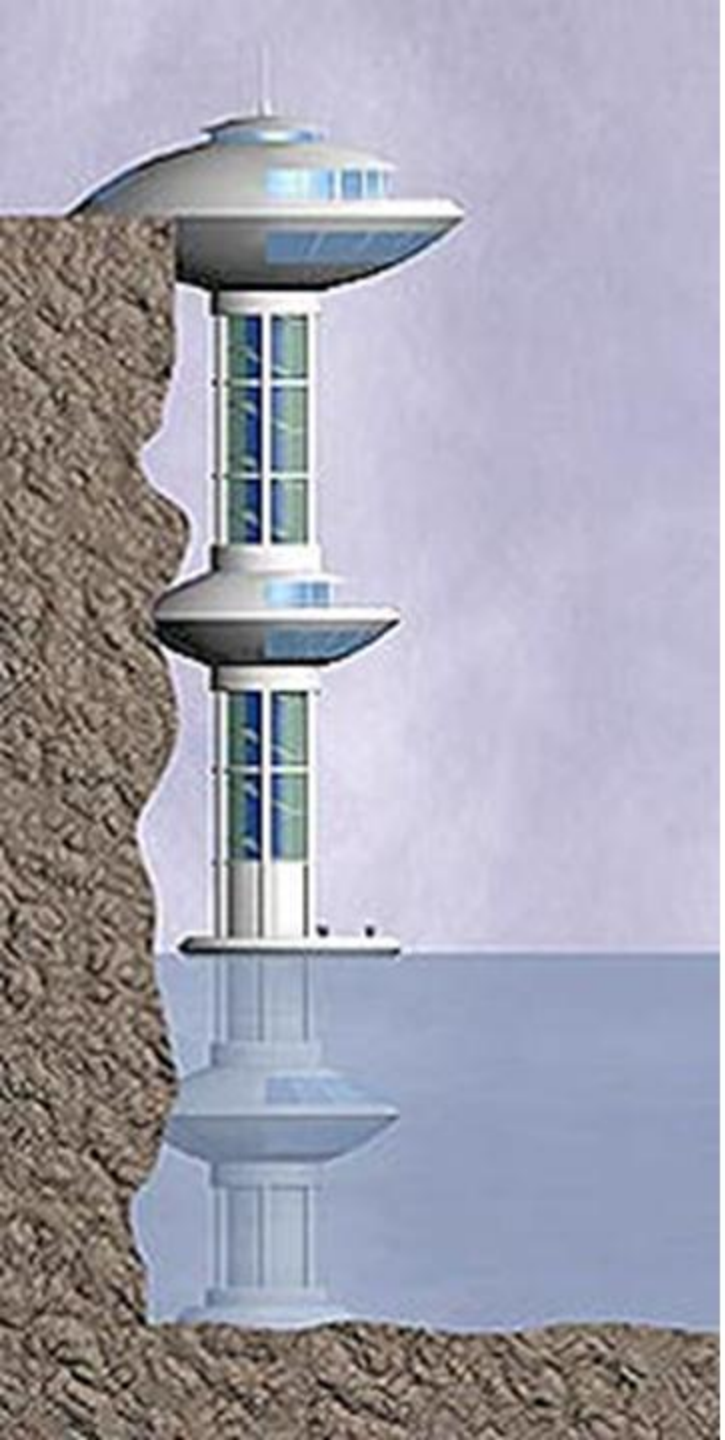
Jelly-fish 45, designed by Giancarlo Zema is a floating dwelling unit for up to six persons. It's spacious dimensions are 10 metres high with a diameter of over 15 metres. The **Jelly-fish 45** would be ideally situated in sea parks, atolls, bays and seas rich in flora and fauna. The **Jelly-fish 45** allows the sea dwelling owners to live either above or below sea level in perfect harmony with the ocean environment.

It consists of five levels connected by a spiral staircase. The top level is 5.6 metres above the sea level and has been kept for study rooms. The next lower level is situated at 3.5 metres above the sea level and contains the night time zone while the next lower level at 1.4 metres contains the daytime zone with a kitchen and bathrooms. The lowest living level at 0.8 metres above the sea level is semi-submerged and has been kept for the guest room, bathroom and technical spaces.

The acrylic viewport globe situated at -3.00 mts above the sea level allows the occupants conmplete enjoyment of the submarine world. Its shape comes from the observation of jellyfishes that animate our seas with their transparent and weightless structure. The main carrying structural component of the **Jelly-fish 45** is entirely constructed from plastic reinforced by incorporated fiberglass while the submarine globe is made from acrylic with a high compressive resistance.

Technical Characteristics Jelly-fish 45

Maximum diameter - 15 meters
Accomodation - 6/8 beds
Main structure - high density fibreglass
Deck surface - solid teak
Extensible gangway - electro-hydraulic in inox and teak with remote control
External views - electrochromatic system in polycarbonate
Observation bulb - 3 meter o.s.l. with structure in fibreglass at high density, acrylic viewports
Equipment - approved fire extinguishers, navigation spread
Water capacity - 1000 litre with autoclave system
Internal electric system - Two generator of 16.000W for service 24V light throughout, electric outlets for 24 and 220V
Air-conditioning - reverse system (108.000 BTU/h)
Power source options - photovoltaic panels on fibreglass structure
Certification - ABS
Cost - $USD 2,500,000



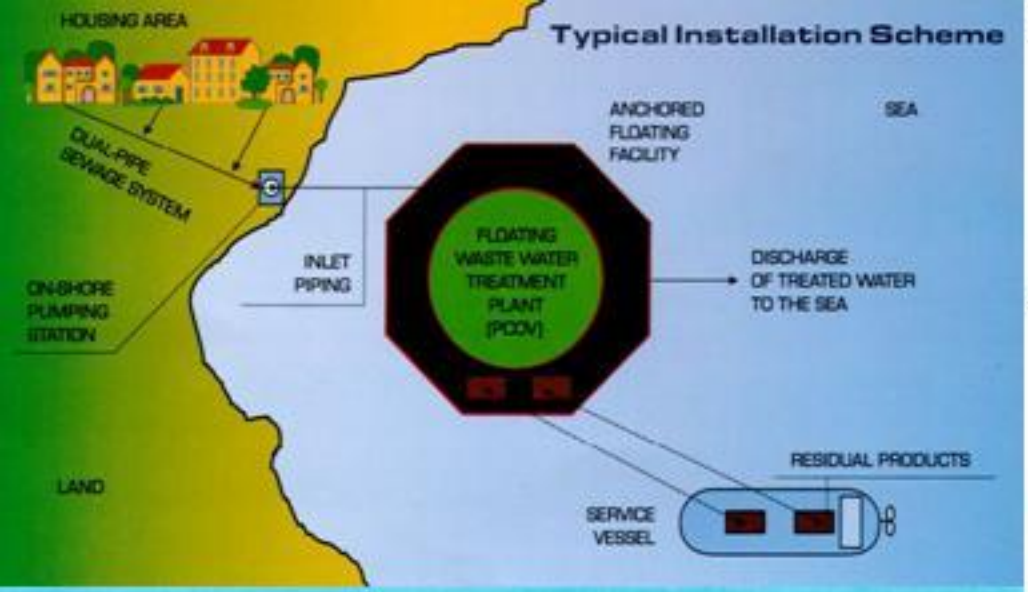
Neptus 60 Cliff Habitat

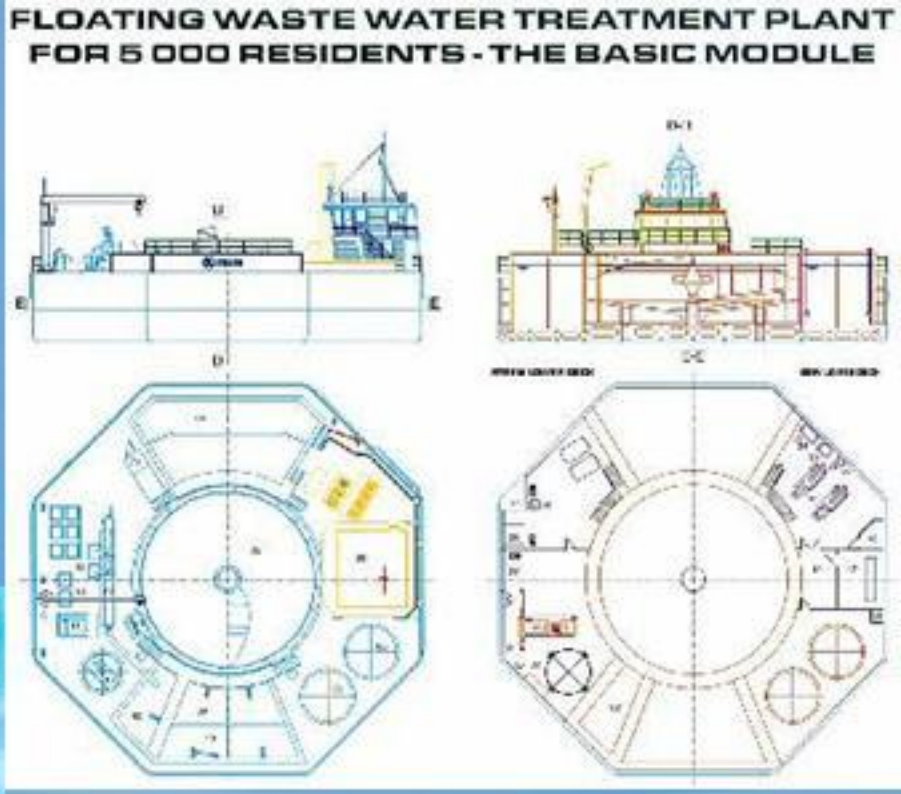
Neptus 60 is a Cliff-House designed by Naval Architect Giancarlo Zema and exclusive to Underwater Vehicles Inc.
Neptus 60 has been conceived to create a cliff side environment in harmony with nature. It allows the occupant to fully enjoy the cliff placing, to admire the views on the sea and the spectacular underwater sea life. The project reflects on Neptus, the amphibious shellfish that once thrived in the oceans over 500 million years ago.
Neptus 60 is made up of 4 elements: (1) living area (2) observation deck, (3) docking for boats, (4) underwater observation globe
The different floors are connected with a winding staircase that looks on the sea, and served by a glass elevator.
(1) **Living area** - Circular construction anchored on the cliff. It is divided in a living room with terrace and a night area with 3 bedrooms looking on the sea with inclusive ensuite bathrooms.
(2) **Observation deck** - Capsular layout hanging at 20m on the sea level. It allows you to look at the sea in a comfortable and private place.
(3) **Docking for small craft** - A wharf allows you to reach Neptus 60 directly from the sea.
(4) **Underwater observation globe** - The most interesting space complete with underwater lighting and diver lock-out options. Underwater components by renowned submarine manufacturer.

Technical characteristics

Carrying structure - that can be modulated, that can be anchored on every sort of cliff.
Living area - diameter 18m, 250 square meters on two levels.
Observation deck - 80 square meters on 2 levels.
Wharf - 40 square meters.
Underwater observation globe - 80 square meters om 2 levels completely underwater.
Elevator lift capacity - 650 kg (6 people), speed 1.5 m/s, height 50 mt.

New - from Giancarlo Zema Lake Washington Commercial and Recreational Marine Park

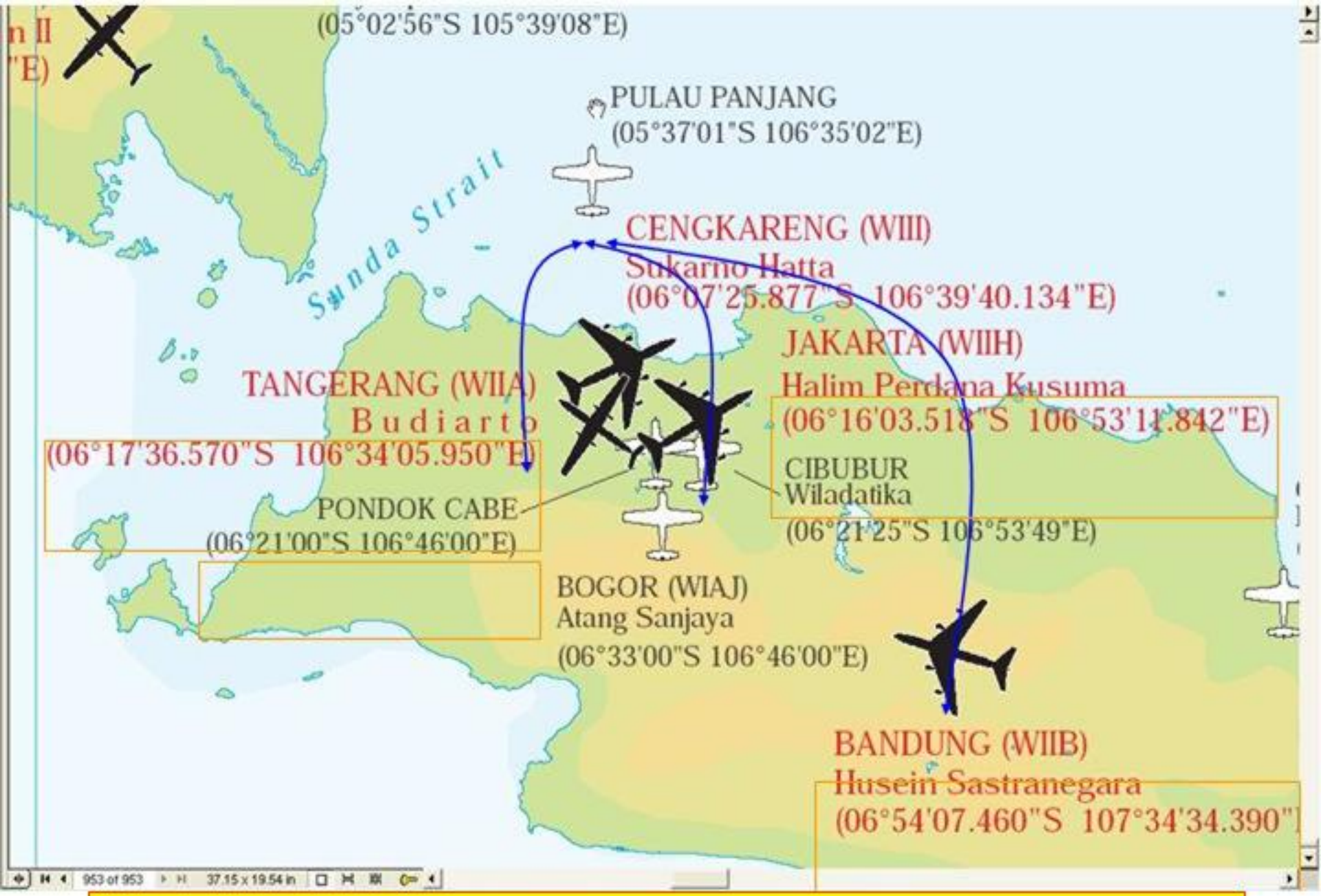




Contoh pulau buatan untuk pengolahan limbah cair

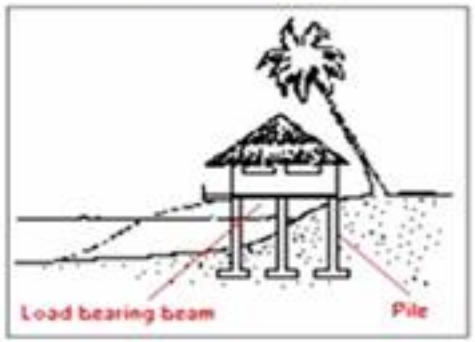
…iptek kelautan dan udara perlu ditingkatkan

1. Angkutan Laut
   - Angkutan Wisata
   - Angkutan Umum Reguler Penduduk
   - Kombinasi Angkutan Wisata & Penduduk
   - Angkutan Laut Lintas Wilayah (Regional, Nasional dan Internasional)
2. Angkutan Udara
3. Angkutan Darat

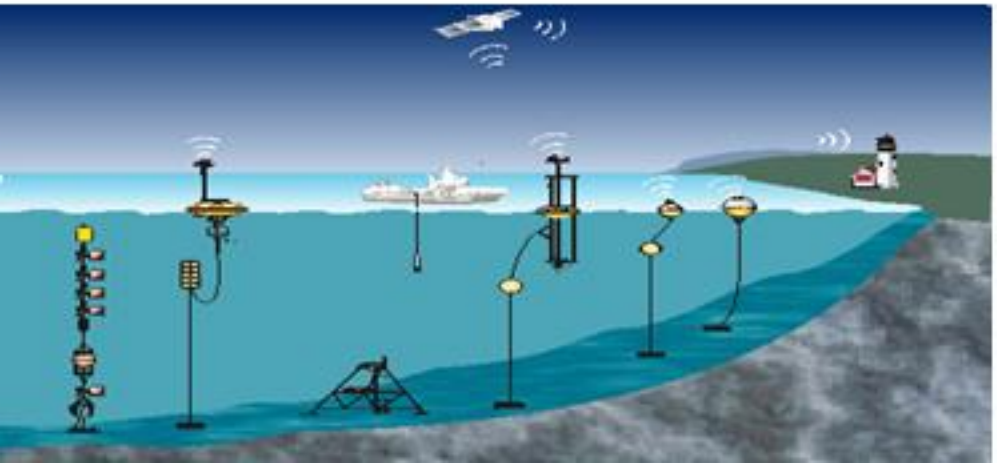


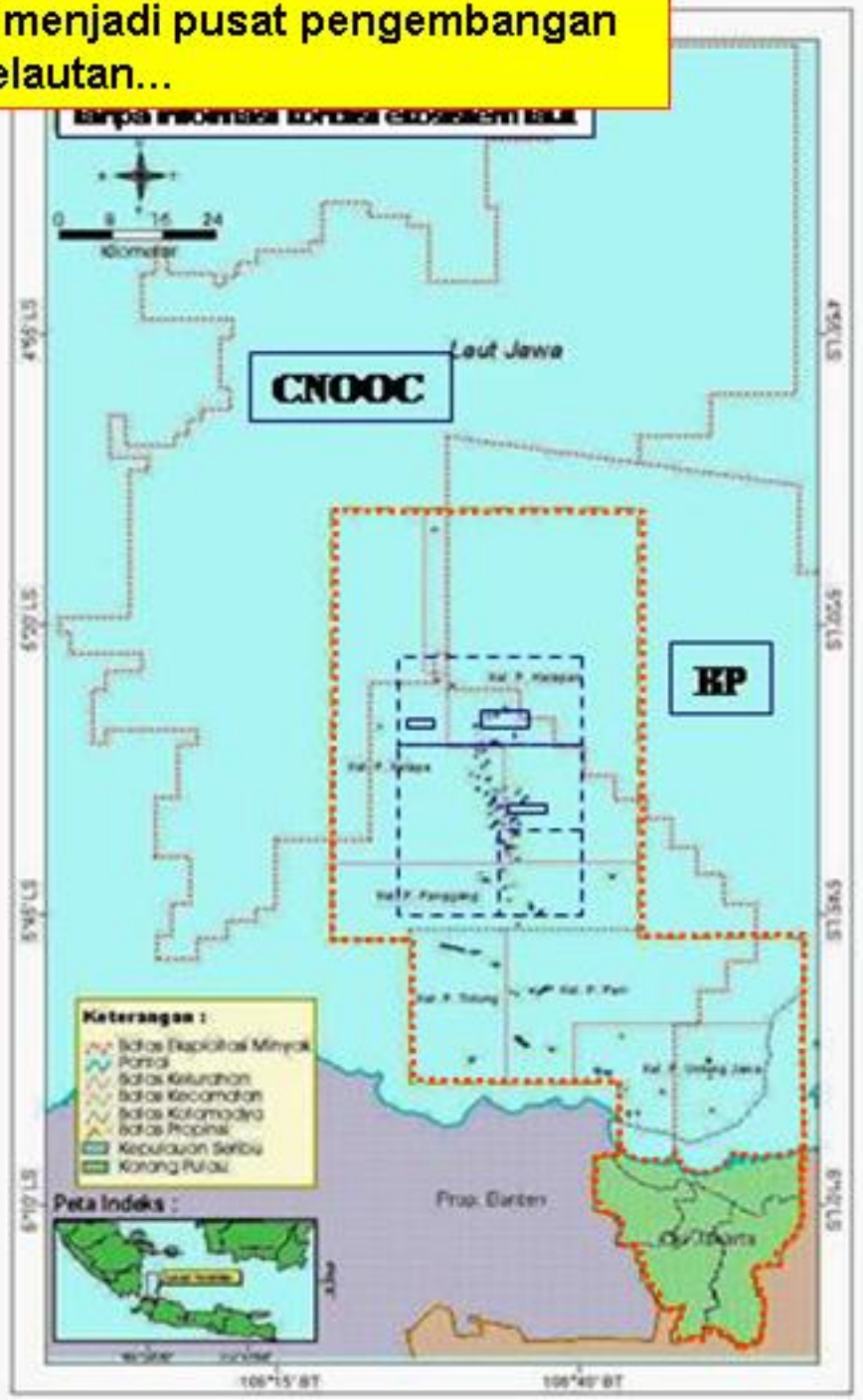
…bahkan untuk tanah-air Jakarta dan sekitarnya…

…Jakarta Masa Depan dapat menjadi pusat pengembangan iptek kelautan…



Gambar 11 c dan 11d : Keamanan bangunan di Pantai.
Sumber: Crown of Thorns Newsletter, 1990 b dr C.S.I. Wise Case 7 Nm






SEKIAN DULU