The Power of Student and Community Engagement in Service – Learning Activity for Neighborhood Planning and Design along the Riverbanks

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DEFINITION OF SERVICE - LEARNING

“Service-learning is a credit-bearing, educational, experience in which students participate in an organized service activity that meets identified community needs and reflect on the service activity in such a way as to gain further understanding of course content, a broader appreciation of the discipline, and an enhanced sense of civic responsibility.”
Robert Brindle and Julie Hatcher, A Service Learning Curriculum for Faculty. The Michigan Journal of Community Service-Learning, Fall 1995, pp.112-122

“Service Learning is a form of experiential education in which students engage in activities that address human and community needs with structured opportunities intentionally designed to promote student learning and development.”
http://www.estrellamountain.edu/servicelearning/sldefinition.asp
SERVICE - LEARNING

Component of Service - Learning

- Academic Content
- Service - Learning
- Meaningful Service
- Reflection

Categories of Learning in Service - Learning

- Personal Growth
- Service - Learning
- Academic Enhancement
- Civic Learning

Partners in Service - Learning

- Students
- Faculty Staff
- Community Members

Students, faculty, and community members all serve as co-educators, co-learners, co-servers, and co-generators of knowledge. (Clayton, 2011)

Source: http://www.elon.edu/docs/e-web/academics/teaching/Service Learning definition and concepts.pdf
HIERARCHY OF URBAN PLANNING, URBAN DESIGN AND BUILDING DESIGN

Location of the Site
HUMAN AND ENVIRONMENT WITHIN A CERTAIN AREA

WHAT KIND OF CHANGES WILL HAPPEN? WHO IS THE ACTORS?, COMMUNITY THEMSELVES OR THE OUTSIDER?

INDIVIDUAL AND COMMUNITY

The Outsider

HOUSING AND ITS SOURROUNDING ENVIRONMENT

INSTITUTION: SOCIAL, ECONOMI, POLITIC, LAW

NATURAL RESOURCES: EVERYTHING INSIDE, ON, AND ABOVE THE EARTH

PRODUCTION INSTRUMENT, PHYSICAL INFRASTRUCTURE FACILITIES

VALUE SYSTEM: RELIGIOUS AND BELIEF, SCIENCE AND TECHNOLOGY, IDEOLOGY, COMMON SENSE

By: Prof. Dr. Susetiawan
Learn from the community and link the people to share information, then Serve the Community.
SERVICE-LEARNING ACTIVITIES FOR NEIGHBORHOOD PLANNING AND DESIGN

START THE SERVICE-LEARNING ACTIVITY

PREPERATION
Serial Lectures & Workshops about Urban Planning & Design and Method of S-L

LEARNING FROM THE COMMUNITY
- Going to the Field within the Neighborhood Area
- Learning from the Family and Communities

REPORTING THE RESULTS OF LEARNING AND FIELD STUDY

DEVELOPING THE POTENTIALS AND PROBLEMS TOGETHER WITH THE COMMUNITY

EXPLORING THE PROBLEMS AND POTENTIALS OF THE NEIGHBORHOOD

SERVING THE COMMUNITY

CROSS CHECKING THE PLAN AND DESIGN

CALCULATING THE BUDGET FOR DEVELOPING THE NEIGHBORHOOD

FINALIZING THE NEIGHBORHOOD PLAN AND DESIGN

DISCUSSION ABOUT ALTERNATIVE PLANNING AND DESIGN

MONITORING & EVALUATION DONE BY THE COMMUNITY

Calculating the Budget for S-L Program

START THE SERVICE-LEARNING ACTIVITY
Neighborhood Community Living along the Riverbanks in Yogyakarta

The Special Region of Yogyakarta

The Municipality of Yogyakarta

Sub-district of Notoprajan, District Ngampilan

Land Use of Notoprajan Sub-district
LEARNING FROM THE COMMUNITY
EXPLORING THE NEIGHBORHOOD AND LEARNING FROM THE COMMUNITY
GAMBAR 4.7 Peta Lokasi 3 Perancangan Ruang Terbuka Sebagai Sarana Olahraga dan Rekreasi Warga
GAMBAR 5.2 Peta Lokasi 2
Perancangan Taman Parkir Ngabean
EXISTING LANDUSE

Sumber: Google Earth 2010, Peta Tematik Kelompok, Survey Lapangan 2013

LEGENDA
- Jembatan
- Jalan
- Pemukiman
- Pertokoan
- Preservasi
- Kantor
- Ruang terbuka
- Fasilitas Pendidikan
- Fasilitas Umum
- Fasilitas Sosial
- Fasilitas Kesehatan
- Fasilitas Keagamaan/ibadah
- Sungai Winongo
- Sarana Wisata
- Kios-kios

PETA INSET

1. Jembatan Kali Winongo
2. SD Negeri Serangan
3. Masjid Uswatun Hasanah
4. Stikes Aisyiyah
5. Puskesmas Ngampilan
6. Masjid Ma’had Tahfidzul
7. Terminal Ngabean
8. WC Umum
9. Kantor Pengelola Parkir TKP & kantor Sekretariat Forum Komunikasi
10. Kantor Kelurahan
EXISTING LOCAL ROAD AND ACCESSIBILITY
EXISTING LOCAL SOCIAL INFRASTRUCTURE FACILITIES

LEGENDA
- Jembatan
- Jalan
- Bangunan 1 Lantai
- Bangunan 2 Lantai
- Bangunan 3 lantai
- Bangunan lebih dari 3 lantai
- Kecil
- Sungai Winongo

PETAINSET

KESIMPULAN

RB Rachmi
Toko Batik Murah Rejeski
Sanggar Ana Seram
SERVING THE COMMUNITY WITH MAKING NEIGHBORHOOD PLANNING AND DESIGN

BEFORE

AFTER
DESIGN PROPOSED FOR INFRASTRUCTURE FACILITIES
DESIGN PROPOSED FOR LOCAL STREET AND RIVERBANK

EXISTING

DESIGN PROPOSED
REFLECTION

- The students got a lot of lessons about spontaneous urban architecture developed by the low-income community along the riverbanks, because the architecture is very unique and developed with community’s indigenous knowledge.

- The students also got lessons about socio-culture of the people, and also learned about the lifestyle not only within the family but also the community.

- The students learned so much about how the community decide which part of housing areas should be developed firstly. Through community deliberation the priority of physical development within the housing areas can be carried out well.

- Kindness and sincerity of the people making them feel very close to the local people, most of them want to come back to visit the location of service-learning. Some students still have a contact with the community along the riverbanks.

- Most students hope that the local government and private institution or NGO’s can give more education and information regarding health, small enterprise and family economic management, because through those education and information the people can live in a good housing environment and they can improve their living standard.

- The way the low-income people develop their house and surrounding environment is exactly fit with their need, economic situation and capability to build the housing areas.
CONCLUSION

- Service-Learning is one of development strategies that involve academic communities (students and lecturers) actively by providing a positive appreciation to the efforts of low-income communities in developing their settlements.

- The student’s opinion which sees that the poor settlement is garbage of the city is changed in the other way around; they see now that the poor settlement is a special housing area that has to be developed a specific manner.

- Social infrastructure facilities are needed by the inhabitants for carrying on their social interactions.

- The Service-Learning Method which is begun with in-depth learning to the lives of low income people living in slum areas within the city is a learning process that can open up horizons of the students on the life of marginalized communities including their creativity in dealing with minimum housing facilities.

- Using the spatial form of informal settlements as an orientation of making a plan for sustainable development strategy can make the process of planning faster and easier.

- Serving the low-income people was done after the students learn from the community about their daily activities. Thus the community service performed by students is really fit with the character of communities and their settlements.
Through the Service-Learning method the low-income communities in slum areas can easily recognize and understand the potencies and problems of their settlement and additionally the recommendation given by the students is based on the capabilities of local communities. Therefore the development strategies recommended by the students can be easily implemented by local communities.

Since the recommendation was given after in-depth observation and learning activities about the daily life of the communities, the local wisdom created by the communities is maintained properly in the neighborhood plan and design.
Thank you/ Terima kasih/
Merci/Gracias/
Danke/Kopkunka/
Arigato/Matur nuwun/
Obrigado Barak/
謝謝 / 非常感謝.....