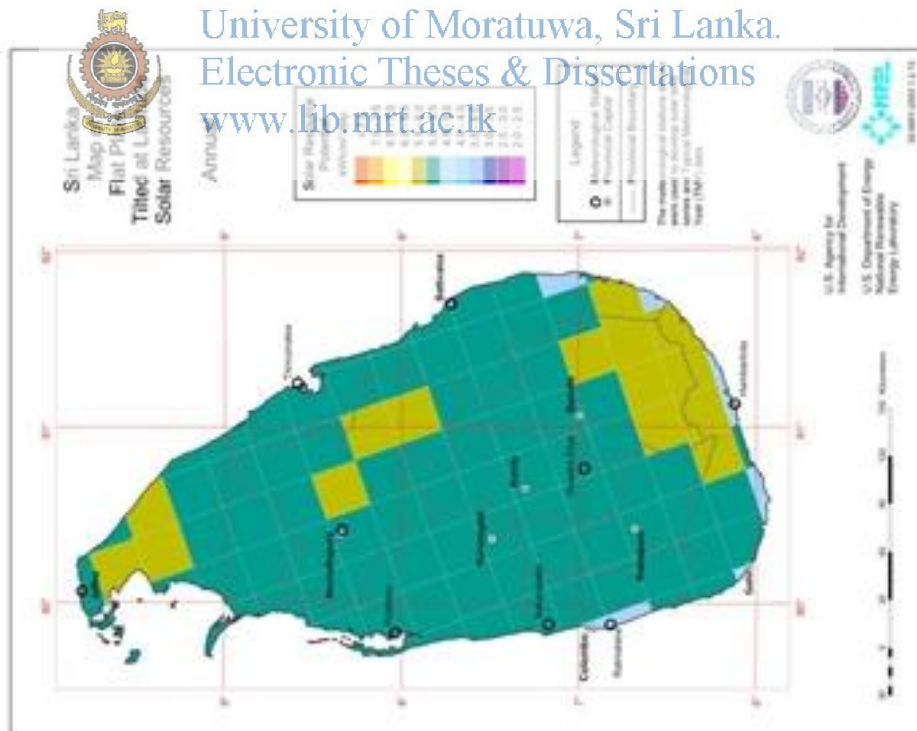
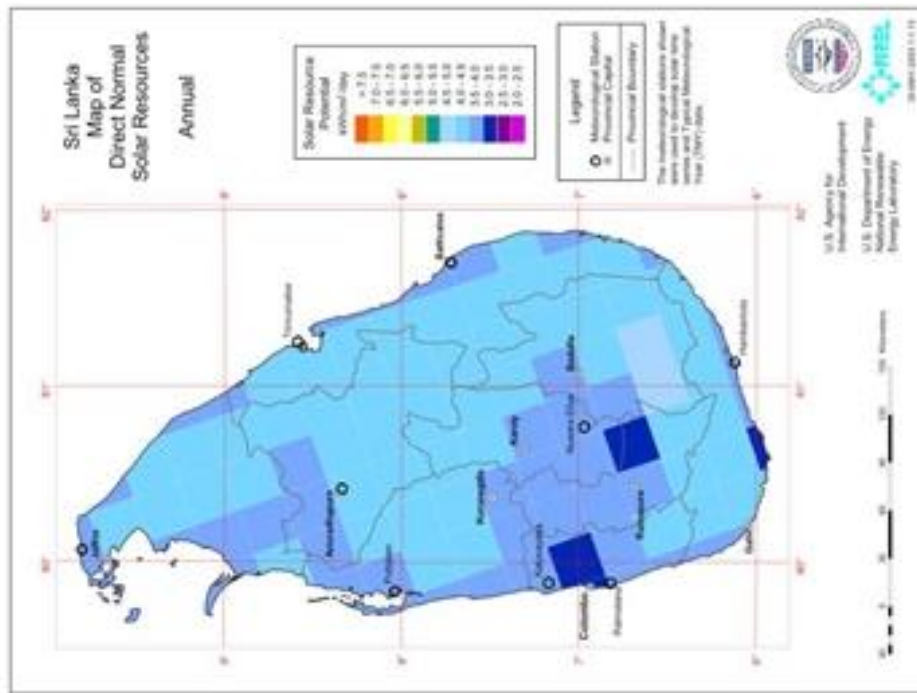


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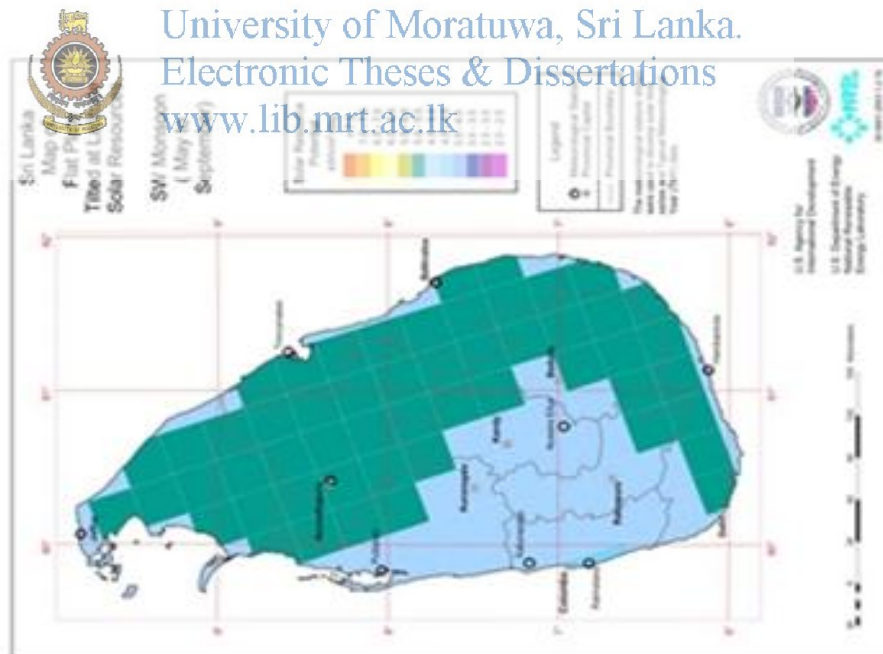
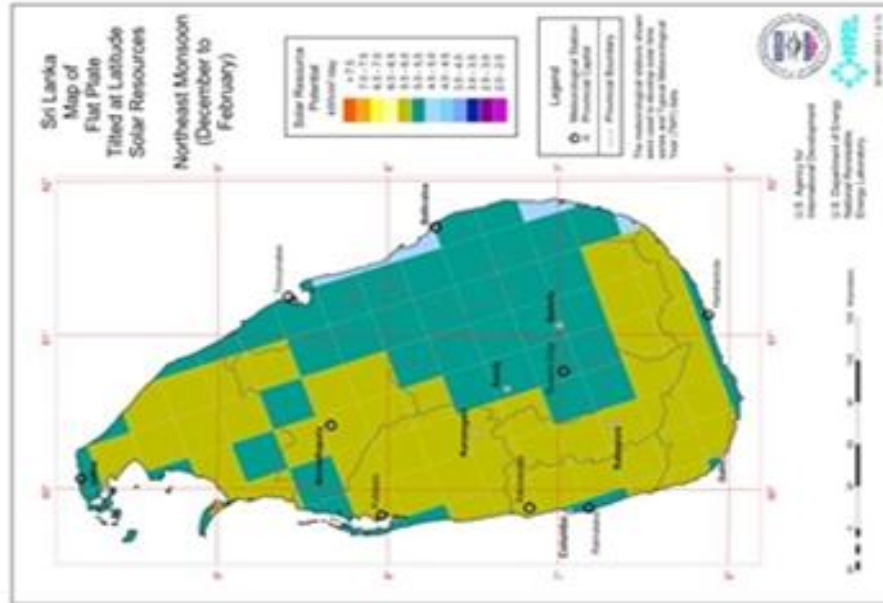
- Administrative Unit(RERED Project). (2013, September 3). *Renewable Energy for Rural Economic Development - Sri Lanka*. Retrieved September 3, 2013, from RERED Administrative Unit (DFCC): <http://www.energyservices.lk/>
- Barsoum, & Nader. (2011). Implementation of Dual Axis Solar Tracking Pilot Project. 2(On line).
- Building integrated photovoltaics*. (n.d.). Retrieved 09 06, 2013, from wikipedia: http://en.wikipedia.org/wiki/Building-integrated_photovoltaics
- CEB. (2008). *Long-term Generation Expansion Plan 2009 -2022*. Colombo.
- Crassard, F., & Rode, J. (2007). *The Evolution of Building Integrated Photovoltaics*. Göteborg: Environmental Systems Analysis (ESA), Department of Energy and Environment, Chalmers University of Technology.
- Dubey, S., Sarvaiya, J. N., & Seshadri, B. (2013). Temperature Dependent Photovoltaic (PV) Efficiency and Its Effect on PV Production in the World A Review. *Energy Procedia* 33, 311- 321.
- Duffie, J., & Beckman, W. A. (2006). *Solar Engineering of Thermal Processes*. New Jersey: John Wiley & Sons Inc.
- Evans, D. L., Facinell, W. A., & Koehler, L. P. (1980). *Simulation and Simplified Design Studies of Photovoltaic Systems*. Tempe: Sandia National Laboratories.
- Evans, D. L., Facinelli, W. A., & Koehler, L. P. (1981). *Simplified Design Guide for Estimating Photovoltaic Flat array and system Performance*. Tempe: Sandia National Laboratories.
- Evans, D., & Florschuetz, L. (1977). Cost Studies on Terrestrial Photovoltaic Power Systems with Sunlight Concentration. *Solar Energy*, 19, 255-262.

- Hegedus, Luque, A., & Steven. (2003). *Handbook of Photovoltaic Science and Engineering*. Chichester: John Wiley & Sons Ltd.
- McFee, R. (1975). Power collection reduction by mirror surface non flatness and tracking error for a central receiver solar power system. *Appl. Opt*, 1490-1502.
- Renné, D., George, R., Marion, B., Heimiller, D., & Gueymard, C. (2013, 08 12). *Solar Resource Assessment for Sri Lanka and Maldives*. Springfield, Verginia, USA.
- Semma, R., & Imamura, M. (1980). Sun Tracking Controller for Multi-kW Photovoltaic Concentrator System. *In Proceedings of the 3rd International Photovoltaic Sol Energy Conf*, 27-31.
- Srikanthan, R., & Samuel, T. (1981). *Sola Radiation Estimation for Sri Lanka*. Peradeniya.
- Yang, D., Yang, C., & Yuan, J. (2009). Experimental Study on Solar Photovoltaic System with Compound Parabolic Concentrator. *610-613*, 357-361.
- Yousef, H. (1999). Design and implementation of a fuzzy logic computercontrolled sun tracking system. *IEEE International Symposium on Industrial Electronics*, 12-16.

Appendix-

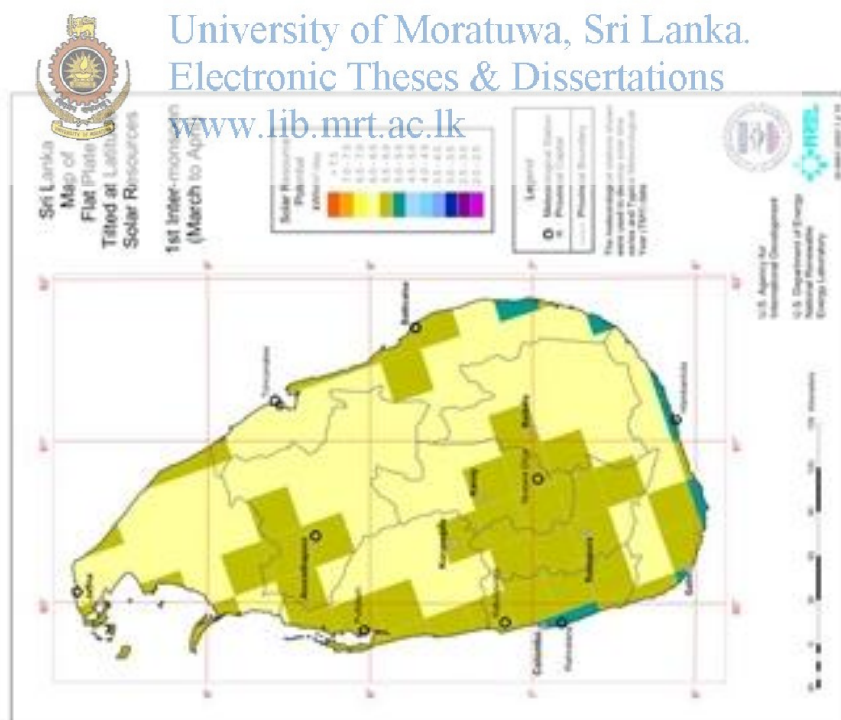
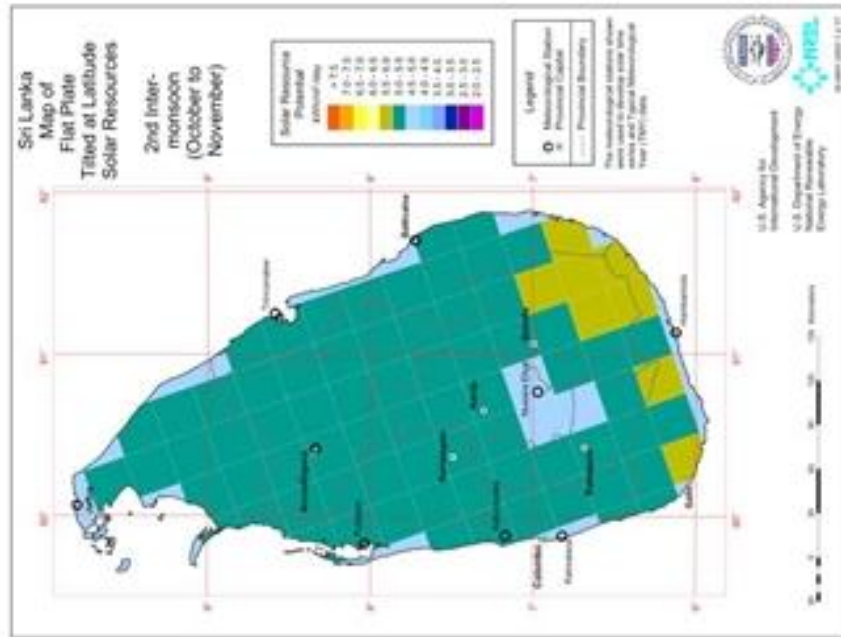


Annual average daily total solar resources for fixed flat plate collector tilted at latitude (left) and for DNI (right).
Source: (National Renewable Energy Laboratory – USA)

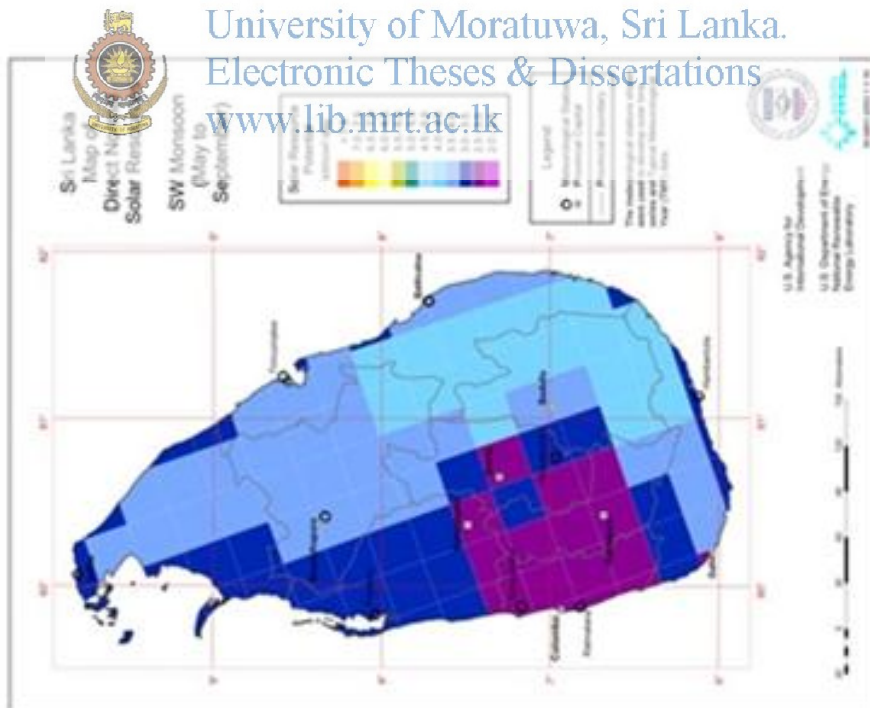
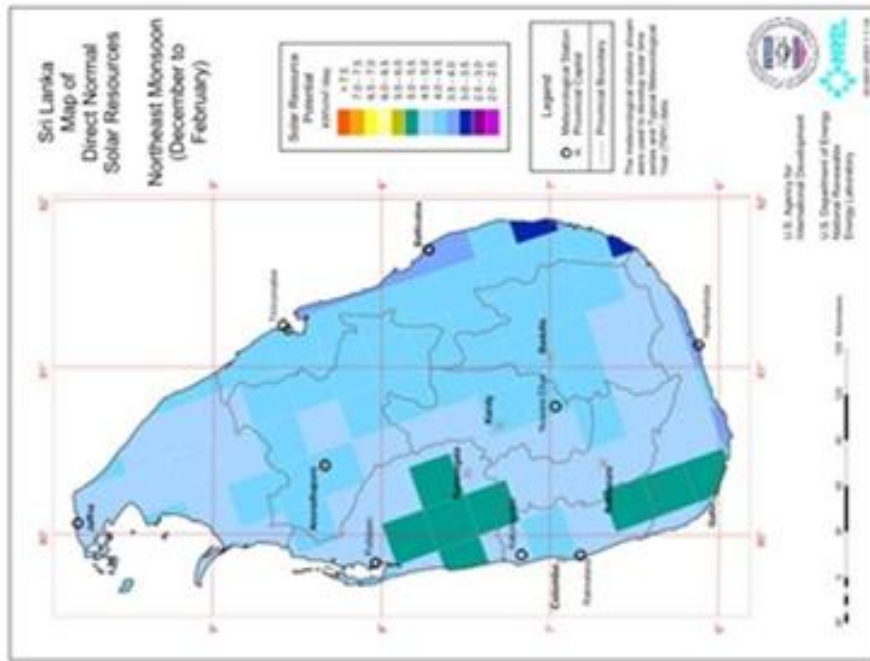


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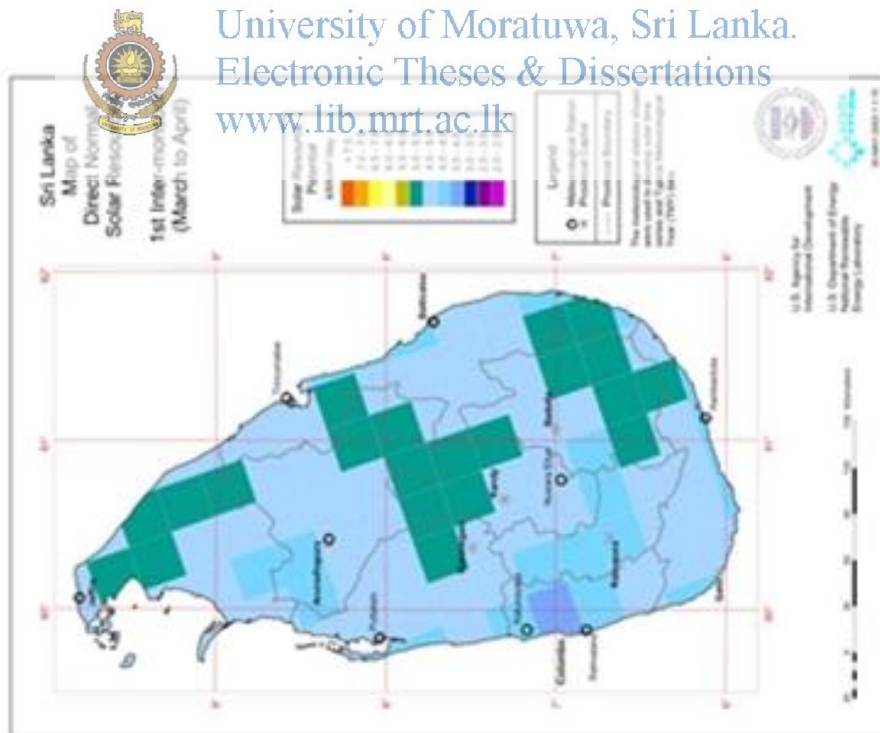
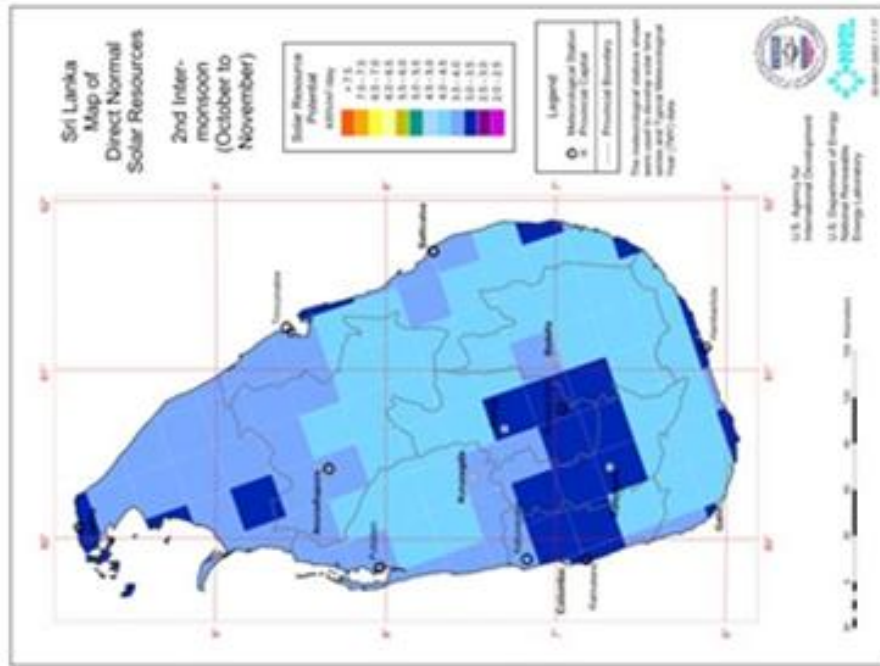
Solar resources on a fixed flat-plate collector oriented at latitude tilt for the Southwest Monsoon (left) and the Northeast Monsoon (right).
 Source: (National Renewable Energy Laboratory – USA)



Solar resources on a fixed flat-plate collector oriented south at latitude tilt for the two inter-Monsoonal periods: March-April (left) and October-November (right).
 Source: (National Renewable Energy Laboratory – USA)



DNI solar resources for the Southwest Monsoon (left) and the Northeast Monsoon (right)
 Source: (National Renewable Energy Laboratory – USA)



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DNI solar resources for the two inter-Monsoonal periods: March-April (left) and October-November (right).
Source: (National Renewable Energy Laboratory – USA)