

Author(s): Steve Jackson, 2009

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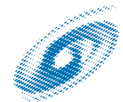
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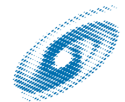
SI657/757: Information Technology and Global Development (WI 10)

Wk 2: Modernization, Dependency, and Structural Adjustment



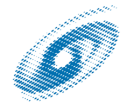
Regional groupings, thinking towards projects

- CHI-ICT4D conference
- Information Technologies and International Development
- Development Gateway
- World Bank infoDev program
- UN ICT Taskforce
- IDRC regional reports: PAN Asia program, ACACIA (Africa) program, Institute for Connectivity in the Americas (Central and Latin America)
- Any readings later in the course
- Class email list!



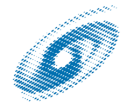
Outline

- Political economy of development (modernization, dependency, structural adjustment)
- 'East Asian Miracle' debate
- Roles and sectors (groups)
- Role of ICTs in development thinking
- Theory in context: M, D, and SA in regional perspective (groups)



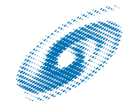
Modernization Theory

- Rostow's stages of growth
- Harrod-Domar growth model (savings + capital push)
(+ Solow growth model – technology and convergence)
- 2-sector models (Lewis model)
- structural change models

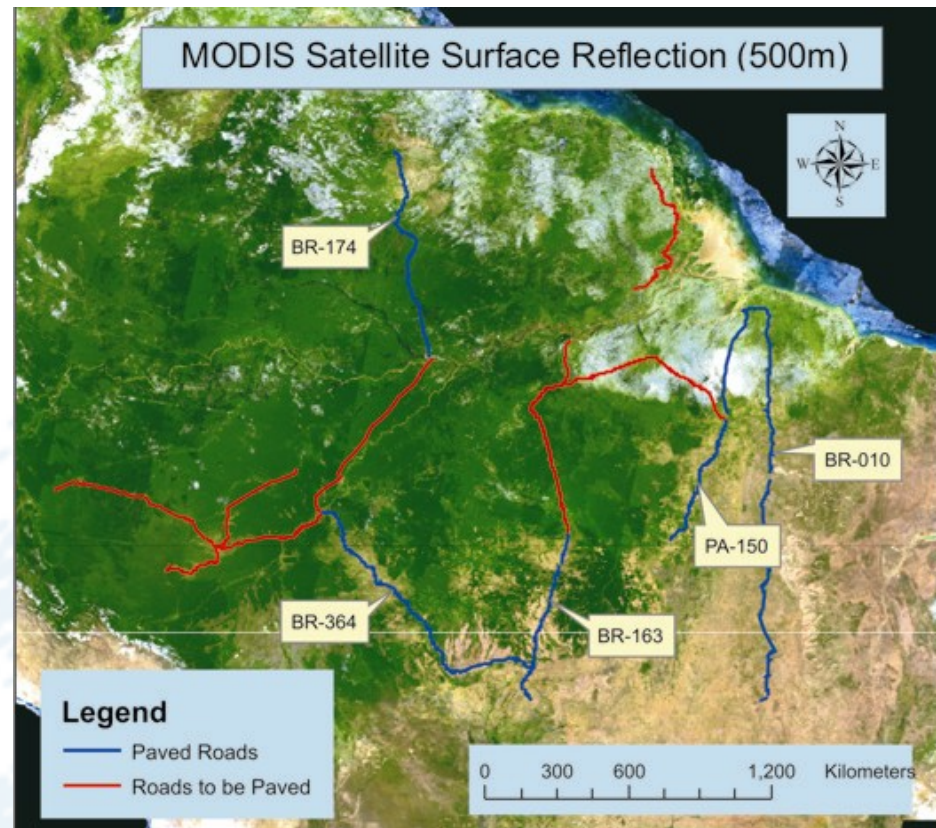


Dependency Theory

- Past history and lingering effects of (asymmetric) integration into the world system
- Cardoso, *Dependency and Development in Latin America* (UN ECLA)
- Walter Rodney, *How Europe Underdeveloped Africa*
- Dualistic development thesis (e.g. Osvaldo Sunkel, “transnational islands in national spaces,” EPZs)
- Infant industry arguments and import-substitution industrialization
- (declining) terms of trade
- Core and periphery in the capitalist world system, possibilities and limits of dependent development



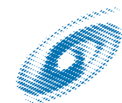
- capital and engineering intensive;
- directed to massive social and natural transformation ('big push' models);
- centrally / externally driven
- deficit model
- ahistorical ('greenfield fallacy') and teleological



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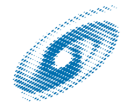
Polonoroeste Program, Brazil

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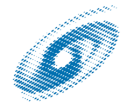
Structural Adjustment

- Context: debt, politics, and the limits of project lending
- SALs and SECALs
- Typical features? (discuss)
- Problems and limits? (discuss)



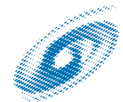
Lessons from East Asia?

- The 'Miracle Report'
- Getting the prices right vs. getting the prices wrong (industrial policy, ISI/EOI sequencing, capital controls)



Theory in context: modernization,
dependency, and structural adjustment
in regional perspective:

*What elements of modernization,
dependency, or structural adjustment
theory best fit or describe
developmental processes or challenges
in your region of study?*



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Slide 8: Polonoroeste Program, Brazil (Source of image undetermined)

