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