**Objective:** To develop estimation tool based on COCOMO II estimation model and support super-structure of the system of system; to provide tool support capabilities to quickly perform "what if" estimations; to develop software cost database and tool support capabilities for continuous model improvement; to provide capability for integrating COCOMO II model with security extension (COSECMO) and COSYSMO.

**Rationale:** Tailorability of an organization process to its own process drivers; accommodating the structure of emerging system of systems; enable the easy use of organization’s estimation data; support estimation trade-offs; provide estimation of security system.

**Target Users:** Customers, Managers, System Engineers, Software Engineers, Cost Analysts

**Scope:** Generation effort, schedule, cost and staff estimates; accommodation of multiple systems, subsystems, builds (or deliveries), components (or projects) and sub-components (or modules); estimate versioning; COCOMO II security extension; calibration; effort and schedule distribution.

**Project Type:** Multi-year USC-CSE research project

**Runs On:** Windows95/98/NT/2000/XP with MS Access 2000 or higher

**IPR Status:** COINCOMO copyright owned by USC-CSSE. Affiliates free to use, modify, but not restrict other affiliates’ use

**Technical Approach:** COINCOMO implements COCOMO II model and accommodates multiple systems, subsystems, builds (or deliveries), components (or projects) and sub-components (or modules). The tool is developed using MS Access. Thus, all estimates are stored in the database and can be retrieved any time. The tool has high degree of customization including algorithms and parameters.

**Developers:**

*Principal Investigator:* A Winsor Brown

*Programmers and Testers:* Vu Nguyen, Ivana Naeymi-Rad, Yongluan Fang, Vannak Touch, Ali Malik

**Future Directions:** Enhancing capabilities to accommodate elements of COPSEMO, COSEMO, and COCOTS.