Happy Anniversary – 10 years
One Rotation and Growing

By Bryce Stokes, US Forest Service, and contributions by many
Our Goal –
Produce Big Timber
in 10 Years or Less!

Mission: Promote collaborative efforts in developing needed operations for SRWC plantations that comply with principles of economic and ecological soundness

We always think BIG!
Timeline

- **1988** – Meeting in Corning, CA with Simpson Paper
- **1991** – Meeting in Clatskanie, OR with James River, Simpson, Weyerhaeuser, etc
- **March 94** – Workshop in Mobile, AL hosted by FS R&D and Scott Paper Company
- **Sept 95** – Organizing committee meeting in Atlanta, GA; hosted by FS and ORNL
- Bryce Stokes, USFS – Chair (1994) **1996-98**
- **Jan 96** – first newsletter and homepage
- **Sept 96** – First Biennial Conference in Paducah, KY - hosted by Westvaco and others
Timeline

- **Aug 98** – Second Biennial Conference in Vancouver, WA - hosted by Ft James and others
- **Bruce Hartsough, UC** – Chair 1998-99
- **1998** – Administrative support from NCASI
- **1999** – new woodycrops.org homepage
- **Oct 00** – Third Biennial Conference in Syracuse, NY - hosted by SUNY ESF and others
- **Lynn Wright, ORNL** – Chair 2000
- **Vic Ford, Westvaco** – Chair 2000-02
- **Sept 02** – Fourth Biennial Conference in Alexandria, MN - hosted by FS R&D and others
- **Jake Eaton, Potlatch** – Chair 2003-04
- **Nov 04** – Fifth Biennial Conference in Charleston, SC - hosted by FS R&D and others
1994

- SRIC International Conference
- Mobile, AL
- 69 attendees, representing seven countries
- 3 technical sessions
  - Moderated by Jim Decosmo, Scott Paper
  - Moderated by Sam Foster, USFS
  - Moderated by Joseph Saucier, USFA
- 18 informative presentations
  - Stand establishment, irrigation, mechanization, harvesting, utilization, and fuel quality of SRIC woody crops
  - Overview of industrial operations
  - DOE's current status and future directions in SRIC research
  - Update on SRIC in Canada
- Field tour was hosted by Scott Paper Company
  - Equipment provided by Morbark Industries
  - Featured Scott Paper Company's highly mechanized energywood crew harvesting SRIC sycamore
- High level of interest expressed led to interest in establishing formal SRWC group
Alabama 1994
Hosted by Scott Paper and
Morbark

Sycamore Plantation

Burrr, it was cold!
First Conference of the SRWC OWG, September 23-25, 1996 Paducah, KY

- Sponsored by Westvaco
- General session with keynote speakers with different perspectives of SRWC and discuss future
- 3 technical sessions
- Field trip sponsored by Westvaco
  - Cottonwood nursery
  - Agroforestry/waterfowl management program
  - Cottonwood and sycamore plantations with demos
  - State-of-the-art plantation with drip irrigation
Paducah - 1996
Paducah 1996

Had lunch on the Mississippi

Business Meeting
- Finalize/approve charter
- Establish steering committee and responsibilities
- Set dues
- Develop activities
- Plan next conference

Established ourselves as a formal organization – one of a kind!
Second Biennial SRWC OWG Conference, August, 1998, Vancouver, WA

- Hosted by Fort James
- Approximately one hundred attended
- Gail Simonds (Westvaco Corporation) was program chair
- Chuck Kaiser (Fort James Corporation) handled local arrangements
- Technical sessions
  - SRWC operations in various geographic locations
  - Harvesting
  - Irrigation, fertigation and/or pest control
- Westside Tour
  - Mark Madison (CH2M Hill) - wastewater reuse
  - Ray Ethell displayed poplar as a solid wood product
  - Chuck Kaiser (Fort James Corporation) and Harry Quicke (American Cyanamid) - site preparation and vegetation management operations
- Eastside tour plantations near Boardman, OR
  - Jake Eaton (Potlatch Corporation) - irrigation equipment and automated scheduling, site preparation, planting, weed control and tree development
  - Steve Pottle (Boise Cascade Fiber Farm) - harvesting, clean-up, site preparation and replanting operations
Washington Field Tour - West
Washington - 1998

Field Tour - East
Third Biennial SRWC OWG Conference, October 10-13, 2000, Syracuse, NY

- Over 60 people from 6 different countries
- Sponsors
  - National Council for Air and Stream Improvement (NCASI)
  - US DOE Oak Ridge National Laboratory
  - USDA Forest Service
  - Electric Power Research Institute
  - New York Center for Forestry Research and Development
  - Short Rotation Woody Crops Program at the State University of New York College of Environmental Science and Forestry (SUNY-ESF)
  - IUFRO Working Unit 1.09.00
- 33 technical papers and posters
  - Development of SRWC in North America, Europe and Asia
  - Discussions of the economics and management of SRWC
  - Alternative uses for SRWC
  - Assessments of SRWC sustainability
Third Biennial SRWC OWG Conference, October 10-13, 2000, Syracuse, NY

- Field tour organized by SUNY-ESF
  - Visited willow biomass research and demonstrations sites
    - Breeding
    - Production system trials
    - Equipment used for planting willow
    - Morbark provided demonstrations of wood processing equipment
- John Gingrich from Wegmans Egg farm showed willow crops on his farm for the management of nutrients
- Wine tasting and dinner in the beautiful Finger Lakes region
New York - Willow
Fourth Biennial SRWC OWG Conference, September, 2002, Alexandria, MN

- Hosted by USFS and others MN partners
- 2 technical sessions
  - Updates on MN and willow projects
  - Phytoremediation
  - Weed control
  - Nutrients
  - Review of 25 years of SWRC research
- Reception at lake and lunch at winery
The Popular Poplar House
Minnesota Field Tour
Thanks to

• Administrative Sponsors
  – USFS
  – ORNL
  – NCASI
  – EPRI

• Sustaining Sponsors
  • American Cyanamid
  • B. B. Hobbs
  • Boise Cascade
  • Drip-in Irrigation
  • DuPont Ag Products
  • Greenwood Resources
  • Irrigation Mart
  • Morbark
  • Netafim Irrigation
  • Potlatch Corp
  • Rain Bird Ag Products
  • Westvaco
Steering Committee

- Larry Abrahamson – SUNY
- Burt Aronoff – Drip-in
- Joe Battista – Cofiring Alternatives
- John Blake – USFS
- Marilyn Buford – USFS
- Larry Burkholder – Morbark
- Mark Coleman – USFS
- Jake Eaton – Potlatch
- Vic Ford – Westvaco
- Bruce Hartsough – UC
- Tom Houghtaling – MN Power
- Evan Hughes – EPRI
- Chuck Kaiser – Ft James
- Harry Quicke – American Cyan
- Tim McDonald – USFS
- Roy Merritt – Netafim
- Pat Moore – Potlatch
- Steve Pottle – Boise
- Don Riemenschneider – USFS
- Randy Richter – Simpson
- Ernie Schmidt – MN DNR
- Jim Shepard – NCASI
- Gail Simonds – Westvaco
- Ron Stoffel – MN DNR
- Bob Perlack – ORNL
- Bryce Stokes – USFS
- Bruce Upchurch – Union Camp
- Tim Volk – SUNY
- Lynn Wright – ORNL
Your Professional Staff

SHORT ROTATION
WOODY CROPS

OPERATIONS
WORKING GROUP
Remember to think BIG!

Thank You!