

North America

09.00 – 09.15

ASSESSING THE IMPACT OF CROPS ON CO₂ FLUXES AND CONCENTRATIONS

Katherine Corbin (Aspendale/US), Erandi Lokupitiya, Scott Denning (Fort Collins/US), Ken Davis, Natasha Miles, Scott Richardson (University Park/US), Ian Baker (Fort Collins/US), Rachel Law, Eva Kowalczyk, Yingping Wang (Aspendale/US)

09.15 – 09.30

**The North American Carbon Program (NACP) Coastal Interim Synthesis Activity:
Carbon synthesis along North American margins**

Simone Alin (Seattle/US), David Archer (Chicago/US), Heather Benway (Woods Hole/US), Bopaiah Biddanda (Muskegon/US), Wei-Jun Cai (Athens/US), Feizhou Chen (Halifax/US), Paula Coble (St. Petersburg/RUS), Jim Cotner (St. Paul/US), Richard Feely (Seattle/US), Katja Fennel (Halifax/US), Marjy Friedrichs (Gloucester/US), Peter Griffith (Greenbelt/US), Nicolas Gruber (Zürich/CH), Burke Hales (Corvallis/US), Martin Hernandez (Ensenada/US), Bror Jönsson (Boston/US), Beverly Law (Corvallis/US), Mingliang Liu (Auburn/US), Steven Lohrenz (Hattiesburg/US), Amala Mahadevan (Boston/US), Jeremy Mathis (Fairbanks/US), Wade McGillis (Palisades/US), Galen McKinley (Madison/US), Ray Najjar (University Park/US), Gian-Kasper Plattner (Zürich/US), Peter Raymond (New Haven/US), Christopher Sabine (Seattle/US), Joe Salisbury (Durham/US), Elizabeth Shadwick (Halifax/US), Samantha Siedlecki (Chicago/US), Peter Strutton (Corvallis/US), Helmuth Thomas (Halifax/CA), Hanqin Tian (Auburn/US), Doug Vandemark (Durham/US), Andrea Vander Woude (Corvallis/US)

09.30 – 09.45

Results from the NOAA Collaborative Tall Tower Network for Monitoring Carbon Dioxide and Related Gases

Arlyn Andrews, Jonathan Kofler, Jonathan Williams, Michael Trudeau, Peter Bakwin, Conglong Zhao, Ken Masarie, Pieter Tans (Boulder/US), Ken Davis (State College/US), Bruce Cook (Greenbelt/US), Ankur Desai (Madison/US), Ron Teclaw, Dan Baumann (Rhineland/US), David Hollinger (Durham/US), Steven Wofsy, J. William Munger (Cambridge/US), John T. Lee (Orono/US), Ranjan Muttiah (Fort Worth/US), Joaquin Sanabria, Onyango Okello (Temple/US), Dan Wolfe (Boulder/US), Marc Fischer (Boulder, Berkeley/US), Matt Parker (Aiken/US), Stephan de Wekker (Charlottesville/US), Wouter Peters (Wageningen/NL), Andrew R. Jacobson, Gabrielle Petron (Boulder/US), Adam Hirsch (Golden/US), Anna Michalak (Ann Arbor/US), Janusz Eluszkiewicz, Thomas Nehrkorn (Lexington/US), Kevin Gurney (West Lafayette/US), Charles STanier (Iowa City/US)

09.45 – 10.00

Resolving CO₂ Flux Estimates from Atmospheric Inversions and Inventories in the Mid-Continent Region

Stephen Ogle, Dan Cooley, Andrew Schuh (Fort Collins/US), Tristram West (Oak Ridge/US), Ken Davis, N. Miles, S. Richardson (University Park/US), F. Jay Breidt (Fort Collins/US), Arlyn Andrews (Boulder/US), Linda Heath (Durham/US), Kevin Gurney (West Lafayette/US), Scott Denning (Fort Collins/US)

10.00 – 10.15

Eight years of sub-regional 13CO₂ fluxes in the U.S. Southern Great Plains

Margaret Torn, Sebastien Biraud, Joseph Berry (Berkeley/US), Christopher Still (Santa Barbara/US)

10.15 – 10.30

Is Iowa Currently a Carbon Sink? GEMS Simulated Changes in Ecosystem Carbon Stocks and Fluxes from 1972 to 2007

Shuguang Liu, Zhengxi Tan, Zhengpeng Li (Sioux Falls/US), Shuqing Zhao (Beijing/CN), Wenping Yuan (Sioux Falls/US)

11.00 – 11.15

Atmospheric results from the North American Carbon Program's Mid-Continent Intensive field campaign

Natasha Miles (University Park/US), Arlyn Andrews (Boulder/US), Katherine Corbin (Aspendale/AU), Kenneth Davis, Liza Diaz (University Park/US), Scott Denning, Erandi Lokupitiya (Fort Collins/US), Douglas Martins, Paul Shepson (West Lafayette/US), Colm Sweeney (Boulder/US), Tristram West (Oak Ridge/US), Scott Richardson (University Park/US)

Europe and northern Eurasia

11.15 – 11.30

The carbon balance of European forests: drivers, management and future?

Sebastiaan Luyssaert (Wilrijk/BE), Philippe Ciais (Gif sur Yvette/F), Ivan Janssens (Wilrijk/BE), CarboEurope-IP synthesis team

11.30 – 11.45

Evaluation of terrestrial ecosystem models using continuous atmospheric CO₂ measurements over Europe and multiple transport models

Ute Karstens (Jena/DE), Philippe Peylin (Gif Sur Yvette/F), Maarten Krol (Wageningen/NL)

11.45 – 12.00

The carbon and methane budget of European peatlands along climate and land use gradients

Matthias Drösler (Freising/DE), Annette Freibauer (Braunschweig/DE)

12.00 – 12.15

Up-dated estimate of carbon balance on Russian Territory

Valery Kudeyarov, Irina Kurganova, Valentin Lopes de Gerenyu (Pushchino/RU)

12.15 – 12.30

Verified terrestrial ecosystems full carbon account for Russia: A reanalysis

Anatoly Shvidenko (Laxenburg/AT, Krasnoyarsk/RU), Dmitry Schepaschenko (Laxenburg/AT, Mytischki/RU), Ian McCallum, Florian Kraxner, Sten Nilsson (Laxenburg/AT), Shamil Maksyutov (Tsukuba/JP)

Amazon

12.30 – 12.45

Constraining Regional Surface Fluxes of CO₂ for Amazonia using recent BARCA Aircraft Measurements

Victoria Y. Chow, M.Longo, B.C. Daube, E.W. Gottlieb, J.W. Munger, S.C. Wofsy (Cambridge/US), C. Gerbig, O. Kolle, H. Chen, J. Steinbach, V. Beck (Jena/DE), P. Artaxo, K. Wiedemann, M.A.F. de Silva Dias, F. Morais, A.C. Ribeiro (Sao Paulo/BR), K.M. Longo (Sao Jose dos Campos/BR), M.O. Andreae, N. Jürgens (Mainz/DE), L. Gatti (Sao Paulo/BR)