



Project Management Team

Tim Martin, Project Director

Gary Peter, Adaptation
Integration Leader

Tom Fox, Mitigation
Integration Leader

Martha Monroe,
Education & Extension
Integration Leader

Jessica Ireland, Project
Coordinator



Executive Committee

Tim Martin	Chair
Damian Adams	Aim 4 Leader
Gwendolyn Boyd	Alcorn State Institutional Coordinator
Tom Byram	Aim 3 Leader
Tom Fox	Aim 1 Leader, Mitigation Integration Leader, VT Institutional Coordinator
Jianbang Gan	Aim 4 Leader
Don Grebner	MSU Institutional Coordinator
Bill Hubbard	Aim 6 Leader
Joshua Idassi	NC A&T Institutional Coordinator
Mike Kane	UGA Institutional Coordinator
Steve McNulty	Aim 2 Leader
Martha Monroe	Aim 5 Leader, Education/Extension Integration Leader
Gary Peter	Adaptation Integration Leader
Lisa Samuelson	Auburn University Institutional Coordinator
John Seiler	Aim 5 Leader
Shobha Sriharan	VSU Institutional Coordinator
Eric Taylor	Aim 6 Leader
Ross Whetten	Aim 3 Leader, NCSU Institutional Coordinator
Rodney Will	Aim 1 Leader, OSU Institutional Coordinator
Randy Wynne	Aim 2 Leader



External Advisory Board

Janaki Alavalapati	Policy Committee Chair National Association of University Forest Resources Programs Professor and Department Head Department of Forest Resources and Environmental Conservation Virginia Tech
Tom Boggus	Director Texas Forest Service
Christine Dean	Vice President, Timberlands Technology Weyerhaeuser
Troy Ettel	Director of Forest Conservation/Longleaf Integrated Landscape Director The Nature Conservancy
Kristen Poppleton	Director of Education Will Steger Foundation
Robert Purnell	Southern Tree Improvement Program Manager Weyerhaeuser
Dave Tenny	President and CEO National Alliance of Forest Owners



Aim 1 (Silviculture & Ecophysiology)

Objective: establish a regionwide monitoring network to evaluate the effects of climate, soils, and management approaches planted pine carbon sequestration rates and develop standardized methods to quantify carbon, water, and nutrient storage and flux baselines, as well as responses to climate and management.

Co-PIs

J.C. Domec, NCSU	Lisa Samuelson, Auburn
Tom Fox (Leader), VT	John Seiler, VT
Sabine Grunwald, UF	Jose Stape, NCSU
Tom Hennessey, OSU	Brian Strahm, VT
Kurt Johnsen, USFS	Eric Taylor, TAMU
Eric Jokela, UF	Robert Teskey, UGA
Mike Kane, UGA	Jason Vogel, TAMU
John King, NCSU	Jason West, TAMU
Chris Maier, USFS	Rodney Will (Leader), OSU
Dan Markewitz, UGA	Duncan Wilson, OSU
Mary Anne McGuire, UGA	Dehai Zhao, UGA
Asko Noormets, NCSU	

Technical/Research Staff & Postdocs

Madison Akers, Research Coordinator, UGA
Tim Albaugh, Research Associate, NCSU
Jose Alvarez, Postdoc, NCSU
Josh Cucinella, Research Technician, UF
Sam Frye, Research Technician, OSU
Bob Heinemann, Research Coordinator, OSU
Randy Holeman, Research Specialist, OSU
Carlos Gonzalez, Research Associate, UF
Andy Laviner, Research Coordinator, VT
Geoffrey Lokuta, Research Coordinator, UF
Casey Meek, Research Associate, OSU
Jason Pike, Research Technician, OSU
Elaine Stebler, Research Technician, OSU
Tom Stokes, Research Associate, Auburn
Eric Ward, Postdoc, NCSU

Graduate Students

Casey Ausmus, M.S. student, OSU; Advisor: Hennessey & Will
Stan Bartkowiak, M.S. student, Auburn; Advisor: Samuelson
Joe Clark, M.S. student, Auburn; Advisor: Samuelson
Zach Clark, M.S. student, UGA; Advisor: Kane
Brett Heim, M.S. student, VT; Advisor: Seiler
Miles Ingwers, Ph.D. student; UGA; Advisor: Teskey
Andy Laviner, Ph.D. student, VT; Advisor: Fox
Wen Lin, PhD. Student, NCSU; Advisors: Noormets & Domec
Cody Luedtke, Ph.D. student, UGA; Advisor: Teskey
Adam Maggard, Ph.D. student, OSU; Advisor: Will

Teri Medsker, M.S. student, OSU; Advisor: Wilson
April Meeks, M.S. student, NCSU; Advisor: Stape
Ji Qi, Ph.D. student, UGA; Advisor: Markewitz
Jay Raymond, Ph.D. student, VT; Advisor: Fox
Santosh Subedi, Ph.D. student, VT; Advisor: Fox
Maxwell Wightman, M.S. student, UF; Advisor: Martin
Elizabeth Wilson, M.S. student, TAMU; Advisor: West
Jinyan Yang, Ph.D. student, UGA ; Advisor: Teskey
Lu Zhai, M.S. student, TAMU; Advisor: Vogel
Yang Zhang, Ph.D. student, TAMU; Advisor: West



Aim 2 (Modeling)

Objective: Apply a multi-scaled modeling program incorporating data from the monitoring network with spatially-explicit historical and predicted future climate data to assess alternative forest management systems and their impacts on carbon sequestration and resilience to disturbance.

Co-PIs

Ryan Boyles, NCSU
Harold Burkhart, VT
J.C. Domec, NCSU
Francisco Escobedo, UF
Tom Fox, VT
Sabine Grunwald, UF
Mike Kane, UGA
Steve McKeand, NCSU

Steve McNulty (Leader), NCSU
Asko Noormets, NCSU
John Nowak, USFS
Jose Stape, NCSU
Ge Sun, USFS
Robert Teskey, UGA
Quinn Thomas, VT
Valerie Thomas, VT
Randy Wynne (Leader), VT

Technical/Research Staff & Postdocs

Jose Alvarez, Postdoc, NCSU
Carlos Gonzalez, Research Associate, UF
Nilesh Timilsina, Postdoc, UF
Eric Ward, Postdoc, NCSU

Graduate Students

Yuan Fang, Ph.D. student, NCSU; Advisor: Stape
Ranjith Gopalakrishnan, Ph.D. student, VT; Advisor: Wynne
Nabin Gyawali, Ph.D. student, VT; Advisor: Burkhart
Wade Ross, Ph.D. student, UF; Advisor: Grunwald
Ying (Maggie) Wang, Ph.D. student, UGA; Advisor: Teskey



Aim 3 (Genetics)

Objective: Analyze genetics of breeding and natural populations to discover alleles in genes controlling important adaptation and mitigation traits such as growth, nitrogen responsiveness, cold hardiness, water usage, and resistance to southern pine beetle and fungal diseases and deliver deployment guidelines for genotypes suited for varied climatic conditions to maximize resiliency and reduce adverse impacts of climate change on productivity .

Co-PIs

Tom Byram (Leader), TAMU
John Davis, UF
Jason Holliday, VT
Fikret Isik, NCSU
Kurt Johnsen, USFS
Kostya Krutovsky, TAMU
Carol Loopstra, TAMU
Steve McKeand, NCSU
Dana Nelson, USFS
Gary Peter, UF
Ross Whetten (Leader), NCSU

Technical/Research Staff & Postdocs

Tomasz Koralewski, Postdoc, TAMU

Graduate Students

Rajesh Bawa, Ph.D. student, VT; Advisor: Holliday
Alfredo Farjat, Ph.D. student, VT; Advisors: Isik & Whetten
Mengmeng Lu, Ph.D. student, TAMU; Advisors: Loopstra & Krutovsky
Laura Townsend, M.S. student, NCSU; Advisor: Whetten
Jianxing Zhang, Ph.D. student, UF; Advisor: Peter



Aim 4 (Economics & Policy)

Objective: Conduct comprehensive life cycle analyses of regional forest management systems and multi-scale policy and economic analysis of market and non-market forest benefits and services to provide the framework necessary to guide land manager decision-making in future management and climatic conditions.

Co-PIs

Karen Abt, USFS
Bob Abt, NCSU
Damian Adams (Leader), UF
Doug Carter, UF
Francisco Escobedo, UF
Tom Fox, VT
Jianbang Gan (Leader), TAMU
Don Grebner, MSU
Mike Kane, UGA
Gary Peter, UF

Technical/Research Staff & Postdocs

Puneet Dwivedi, Postdoc, Yale
Andres Susaeta, Postdoc, UF
Nilesh Timilsina, Postdoc, UF

Graduate Students

Puskar Khanal, Ph.D. student, MSU; Advisor: Grebner
Melissa Kreye, Ph.D. student, UF; Advisor: Adams
Jose Soto, Ph.D. student, UF; Advisor: Adams



Aim 5 (Education)

Objective: Create and evaluate resources and training programs to educate high school students and teachers and undergraduate and graduate students about the relevance of forests, forest management, and climate impacts. The education program also provides a process for engaging university students in collaborative, interdisciplinary research aimed at solving complex societal problems.

Co-PIs

Martha Monroe (Leader), UF
John Seiler (Leader), VT
Shobha Sriharan, VSU

Technical/Research Staff & Postdocs

John Kidd, Undergraduate Intern Program Coordinator, VT
Annie Oxarart, Education Coordinator, UF
Richard Plate, Postdoc, UF

Graduate Students

Stephanie Hall, M.S. student, UF; Advisor: Monroe
John Kidd, Ph.D. student, VT; Advisor: Seiler
Christine Li, Ph.D. student, UF; Advisor: Monroe



Aim 6 (Extension)

Objective: Conduct comprehensive life cycle analyses of regional forest management systems and multi-scale policy and economic analysis of market and non-market forest benefits and services to provide the framework necessary to guide land manager decision-making in future management and climatic conditions.

Co-PIs

Gwendolyn Boyd, Alcorn State
Ryan Boyles, NCSU
Bill Hubbard (Leader), SREF
Joshua Idassi, NCAT
Mark Megalos, NCSU
Martha Monroe, UF
Eric Taylor (Leader), TAMU

Technical/Research Staff & Postdocs

Leslie Boby, Extension Associate, SREF
Sean Burns, Extension Assistant, TAMU
Heather Dinon, Applied Climatologist, NCSU
Richard Plate, Postdoc, UF

Graduate Students

Rachel Burnett, M.S. student, NCSU; Advisor: Megalos
Hilary Cole, M.S. student, NCSU; Advisor: Megalos
Anslei Foster, M.S. student, NCAT; Advisor: Idassi
Shelby Krantz, M.S. student, UF; Advisor: Monroe