



School of Advanced Science on nitrogen cycling, environmental sustainability and climate change

31 July – 10 August 2016, São Pedro, SP – Brazil

Program

Day 0 – July 31, 2016 – Sunday

12:00 Arrival at “Fonte Colina Verde” Hotel

19:00 - 22:00 Ice-break reception and dinner

Day I – August 1, 2016 - Monday

9:00 – 9:30 School Objectives and Expectations (LUIZ MARTINELLI, MERCEDES BUSTAMANTE, REYNALDO VICTORIA)

9:30 – 10:00 Fapesp and science support in the State of São Paulo (REYNALDO VICTORIA)

10:00 – 10:30 The Internacional Nitrogen Initiative (MERCEDES BUSTAMANTE)

10:30 – 11:00 Coffee break

11:00 – 11:30 The pre-Haber-Bosch world (LUIZ A MARTINELLI)

11:30 – 12:30: Stable isotopes in human nutrition and food adulteration. (GABRIELA NARDOTO)

12:30 – 14:00 Lunch

14:30 – 15:30 Group dynamic among students

15:30 – 16:00 Coffee break

16:00 – 17:00 Students introduction



Day II – August 2, 2016, Tuesday

9:00 – 10:00 Emissions of green house gases with emphasis in N gases in agriculture systems (TIBSAY PEREZ)

10:00 – 11:00: The use of nitrogen and biodiversity (MERCEDES BUSTAMANTE)

11:00– 11:30: Coffee break

11:30 – 12:30: Stable isotopes in ecosystem ecology (GABRIELA NARDOTO)

12:30 – 14:00: Lunch

14:00 – 16:00: Reading section

16:30 – 16:300: Coffee break

16:30 – 17:30: Group discussions about morning classes

17:30 – 18:00: Group presentations

Day III: August 3, 2016, Wednesday

Morning: STUDENTS POSTERS PRESENTATION

Afternoon: STUDENTS ORAL PRESENTATION

Day IV: August 4, 2016, Thursday

9:00 – 10:00: The nitrogen footprint (JAN WILLEN ERISMAN)

10:00 – 11:00: Past, present and future of the global N cycle: from 1960 to 2050 (LUIS LASSALETTA)

11:00 – 11:30: Coffe break

11:30 – 12:30: Agriculture systems that combines the use of mineral and organic nitrogen_(HOLM TIESSEN)

12:30 – 14:00: Lunch

14:00 – 16:00: Reading section

16:00 – 16:30: Coffee break

16:30 – 17:30: Group discussions about morning classes

17:30 – 18:00: Group presentations



Day V: August 5, 2016, Friday

9:00 – 10:00: The biogeochemical cycles and human interferences (STEPHEN PORDER)

10:00 – 11:00: To be announced (JEAN PIERRE OMETTO)

11:00 – 11:30: Coffee break

11:30 – 12:30: The use of nitrogen and consequences on aquatic systems (JOSÉ ATTAYDE)

12:30 – 14:00: Lunch

14:00 – 16:00: Reading section

16:00 – 16:30: Coffee break

16:30 – 17:30: Group discussions about morning classes

17:30 – 18:00: Group presentations

Day VI: August 6, 2016, Saturday

10:00 – 11:00: Atmospheric N deposition (TIBSAY PEREZ)

11:00 – 11:30: Coffee break

11:30 – 13:00: Reading section

13:00 – 14:00: Lunch

14:00 – 16:00: Group discussions about morning classes

Day VII: August 7, 2016, Sunday - FREE



Day VIII: August 8, 2016, Monday

9:30 – 10:30: Microorganisms and the N cycle: reducing losses_(MARCO ANTONIO NOGUEIRA)

10:30 – 11:00: Coffee Break

11:00 – 12:00: Nitrogen biological fixation in agriculture systems (MARCO ANTONIO NOGUEIRA)

12:00 – 13:30: Lunch

13:30 – 15:30: Reading section

15:30 – 16:00: Coffee break

16:00 – 16:30: Group discussions about morning classes

16:30 – 17:00: Group presentations

Day IX: August 9, 2016, Tuesday

9:00 – 10:00: The Caatinga (ROMULO MENEZES)

10:00 – 11:00: The Cerrado (GABRIELA NARDOTO)

11:00 – 11:30: Coffee break

11:20 – 12:30: The Amazon Basin (LUIZ ANTONIO MARTINELLI)

12:30 – 14:00: Lunch

14:00 – 16:00: Writing of students reports

16:30 – 17:00: Coffee break

17:00 – 17:30: Final plenary discussion

Day X: August 10, 2016, Wednesday

End of the School and return of the participants