

21 January 2016



Agenda: TOAR Workshop 1.03
Chapter Review Meeting and
Symposium on Tropospheric Ozone Research in China
Xijiao Hotel, Beijing, China
25 – 27 January 2016

Sunday 24 January

Xijiao Hotel

5 PM–8 PM TOAR Steering Committee and Chapter Leads meeting (closed meeting over dinner, Xiyuan restaurant in the Xijiao Hotel, Room Yujinxiang Hall)

8:00-9:30 PM **Early Check In/Registration** for All Participants, Hotel Main Lobby

Monday 25 January

Xijiao Hotel, Building 1, No. 5 Meeting Room (2nd floor)

7:30 -8:15 AM **Check In/Registration** for All Participants, Hotel Main Lobby
(if not completed Sunday evening)

In Plenary, Building 1, No. 5 Meeting Room (please arrive ~10 minutes early for seating):

8:30 AM Welcome and Charge for the Workshop *Owen Cooper*
Chair, TOAR Steering Committee

8:40 Welcome and Synergies with Chinese Scientists *Zhaozhong Feng*
TOAR Steering Committee

8:50 Agenda for the Workshop and Today's Goals *Owen Cooper*

Goals for Today

Update on TOAR Database and Data Sets

Plenary Presentation by Each Chapter (20 minutes) and Plenary Discussion

(chapter structure; major science points and key ~3-5 figures of the chapter; major remaining issues (e.g., missing information, or points of disagreement))

8:55 Status of TOAR Database and JOIN Web Interface;
Prioritizing Further Analysis and Development Needs *Martin Schultz*

10:00 Coffee Break

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10:30	Update on Free Tropospheric Ozone Data Sets	<i>Audrey Gaudel and others</i>
11:10	Chapter 1. State of Knowledge of Tropospheric Ozone Sources, Sinks, & Budgets	<i>Yasin Elshorbany</i>
12:00 PM	Lunch Buffet at Shangyuan Restaurant, 2 nd Floor of Building No. 5	
1:00	Chapter 2. Tropospheric Ozone Observations	<i>David Tarasick and Ian Galbally</i>
1:50	Chapter 3. Ozone Metrics Assessment	<i>Allen Lejohn</i>
2:40	Chapter 7. Assessment of Global-Scale Model Performance	<i>Vaishali Naik and Paul Young</i>
3:30	Coffee Break	
4:00	Chapter 4. Ozone Distribution/Trends for Human Health	<i>Ruth Doherty</i>
4:40	Chapter 5. Ozone Distribution/Trends for Vegetation	<i>Zhaozhong Feng</i>
5:20	Chapter 6. Ozone Distribution/Trends for Climate Change	<i>Audrey Gaudel</i>
6:00	Wrap-up and Description of Tuesday's Agenda	<i>Owen Cooper</i>
6:05	Adjourn Plenary for the Day (dinner and evening on your own)	

Tuesday 26 January

Xijiao Hotel, Building 1, No. 5 Meeting Room (2nd floor)

Goals for Today

Plenary Presentations: Tropospheric Ozone Research in China

Breakout Sessions for all Chapters (resolve issues raised during Monday's discussion; develop plan to address gaps; preliminary identification of chapter conclusions for Chapter 8 development)

In Plenary, No. 5 Meeting Room:

8:20 AM	Description of the Day's Agenda	<i>Owen Cooper</i>
8:30	Overview and Outlook of Air Quality Study in China	<i>Min Shao Peking University</i>

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- 9:00 Long-term Measurements of Surface Ozone at Remote and Rural Sites in China
Xiaobin Xu, Chinese Academy of Meteorological Sciences
- 9:20 Photochemical Ozone Pollution: Cause of Rising Trend in Hong Kong and Enhancement of Ozone Production by New Radical Sources
Tao Wang, The Hong Kong Polytechnic University
- 9:40 Spatial Distribution Characteristics of Air Pollutants and Atmospheric Oxidation Capacity over North China
Jianzhong Ma, Chinese Academy of Meteorological Sciences
- 9:55 Coffee Break
- 10:25 Source Apportionment of Tropospheric Ozone by Numerical Mode: From Global to City Cluster
Bin Zhu, Nanjing University of Information and Science Technology
- 10:40 Surface Ozone at Different Sites in the Tibetan Plateau: Variations, Comparisons, and Implications
Weili Lin, Chinese Meteorological Agency
- 10:55 Increase of Surface Ozone at Mt. Tai in Central Eastern China: 2003-2015
Likun Xue, Shandong University
- 11:10 Effects of Ozone on the Crops in China
Zhaozhong Feng, Chinese Academy of Sciences
- 11:25 The Ozone Pollution in the YRD Region: Status and Trends
Lou Shengrong, Shanghai Academy of Environmental Sciences
- 11:40 Ozone in the western Yangtze River Delta, China: A Synthesis Study Based on Ground, Aircraft and Sounding Measurements in Nanjing: 2011-2015
Aijun Ding, Nanjing University
- 11:55 Plan for Afternoon: Breakout Session Locations and Assignments *Owen Cooper*
Preview of the Plan for Wednesday
- 12:00 PM Lunch Buffet at Shangyuan Restaurant, 2nd Floor of Building No. 5
- 1:00 Breakout sessions:
Chapter 1: Room No. 3 Building 1
Chapter 2: Room No. 7 Building 1
Chapter 3: Room No. 11 Building 1
Chapter 7: Room No. 12 Building 1
- 3:00 Coffee Break
- 3:30 Breakout sessions:
Chapter 4: Room No. 3 Building 1
Chapter 5: Room No. 7 Building 1
Chapter 6: Room No. 12 Building 1
- 5:30 Adjourn Breakout Sessions
- 6:30 **Group Banquet** (Xiyuan restaurant at the hotel)

Wednesday 27 January [Provisional agenda; may be revised as meeting proceeds]

Goals for Today

**Morning: Continued Work in Breakouts for Chapters
Report-out for Database and JOIN Web Interface**

**Afternoon: Chapter Presentations: Status of Issues, Gaps, and Preliminary Identification of
Chapter Conclusions for Chapter 8 Development**

In Plenary, Xijiao Hotel, Building 1, No. 5 Meeting Room:

8:00 AM Description of the Day's Agenda *Owen Cooper*

8:15 Four Breakout Sessions: All chapters [grouped as needed]
Room No. 3
Room No. 7
Room No. 12
Plenary room (Room No. 5)

9:30 Coffee Break

10:00 Continue Breakout Work as Above

Reconvene Plenary, No. 5 Meeting Room:

11:00 Collection and Prioritization of TOAR Database and JOIN Web Interface Features
and Analyses *Martin Schultz et al.*

11:45 Lunch Buffet at Shangyuan Restaurant, 2nd Floor of Building No. 5

In Plenary, No. 5 Meeting Room: Chapter Report-Outs

1:00 PM Chapter 1. State of Knowledge of Tropospheric Ozone Sources, Sinks, & Budgets

1:30 Chapter 2. Tropospheric Ozone Observations

2:00 Chapter 3. Ozone Metrics Assessment

2:30 Chapter 4. Ozone Distribution/Trends for Human Health

3:00 Coffee Break

3:30 Chapter 5. Ozone Distribution/Trends for Vegetation

4:00 Chapter 6. Ozone Distribution/Trends for Climate Change

4:30 Chapter 7. Assessment of Global-Scale Model Performance

5:00 Meeting Wrap-up and the Way Forward *Owen Cooper*
Discussion and Questions from Participants

5:30 Adjourn meeting

Thank You Everyone!