

overall SDCEA UmW CCS activities

South Durban SDCEA meetings/struggles with municipality (especially about port)

SA National Water Resources: UmW worked to raise profile of climate change

eThekweni urine diversion toilet: UmW got commitment to empty UD

Ntuzuma (Soweto) flood zone: UmW workshop to prevent building in flood plain

Hammarsdale river clean-up: UmW worked to bring state and civil society together

Four international meetings:

UNFCCC COP17 in Durban: UmW raised water profile with videos and site visits;

People's Space hosted by CCS; SDCEA was a central organizer of civil society activities

World Water Forum in Marseille: UmW attended and did panel discussions

Rio+20: UmW pre-Rio presentation to Water Sector Leadership Group (government and civil society); SDCEA participation; many CCS activities

World Toilet Summit: TBA

Published outputs from CCS; and forthcoming PhD thesis by Simphiwe Nojiyeza

MEETINGS WITH GOVERNMENT OFFICIALS

Meeting Date	Location/Purpose	Number of participants (women/men)	Meeting Format/Engagement Process Used	Other info / Notes / Outcomes
August 2011	Sappi Saicorr Umkomaas South of Durban	+60 people	Meeting with government to discuss the illegal dumping site.	Dumpsite is now closed and sappi took responsibility
August 2011	Durban north	+ 40 people	Meeting with the minister of environmental affairs on climate change.	Discussed to what extent is climate change impacting on communities.
September 2011	Pretoria	+80 participants Ngos etc	Meeting with the deputy minister of foreign affairs.	
November 2011	Durban	+80 people	Meeting with government officials.	
November 2011	Durban	+ 40 people	Meeting with the MEC government to discuss human settlements, water and housing.	
August 2012	Durban	5 people	Meeting with the municipality to discuss issues on water canals and contaminated water.	Productive meeting on water issues with rural communities in concern.
September 2012	Transnet parastatal	6 people	Met with Transnet to discuss water quality.	Gave many water samples to the department.
June 2012	durban	--	Meeting with gov. for logistics to discuss the affluent water and sewerage.	

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SDCEA work (sample)

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One on one meetings with government officials:

Chair of CMF: Mhlobo from EWS about wetlands

EWS Neil Macleod on sanitation

eThekwini Climate Change Protection Unit

Planning Dept and EWS on wetlands

COGTA MEC

National Water Sector Leadership Group (multi-stakeholder: Dept of Water Affairs as sector leader)

COP17, Rio planning meeting and the NWRS review meeting.

WESSA cc dialogues

KZN Climate Change Council and Premier's Office

two Lower Umgeni CMF meeting WRM in catchment area: river and stream cleaning projects, EWS,

Parks Durban Solid Waste, Coastal Management

KZN Water and Energy Summits

Hammersdale- meeting between local govt departments and communities

SA Human Rights Commission, President's Office, Gender Commission

National civil society strategising

National CJN,

Climate Jobs Campaign,

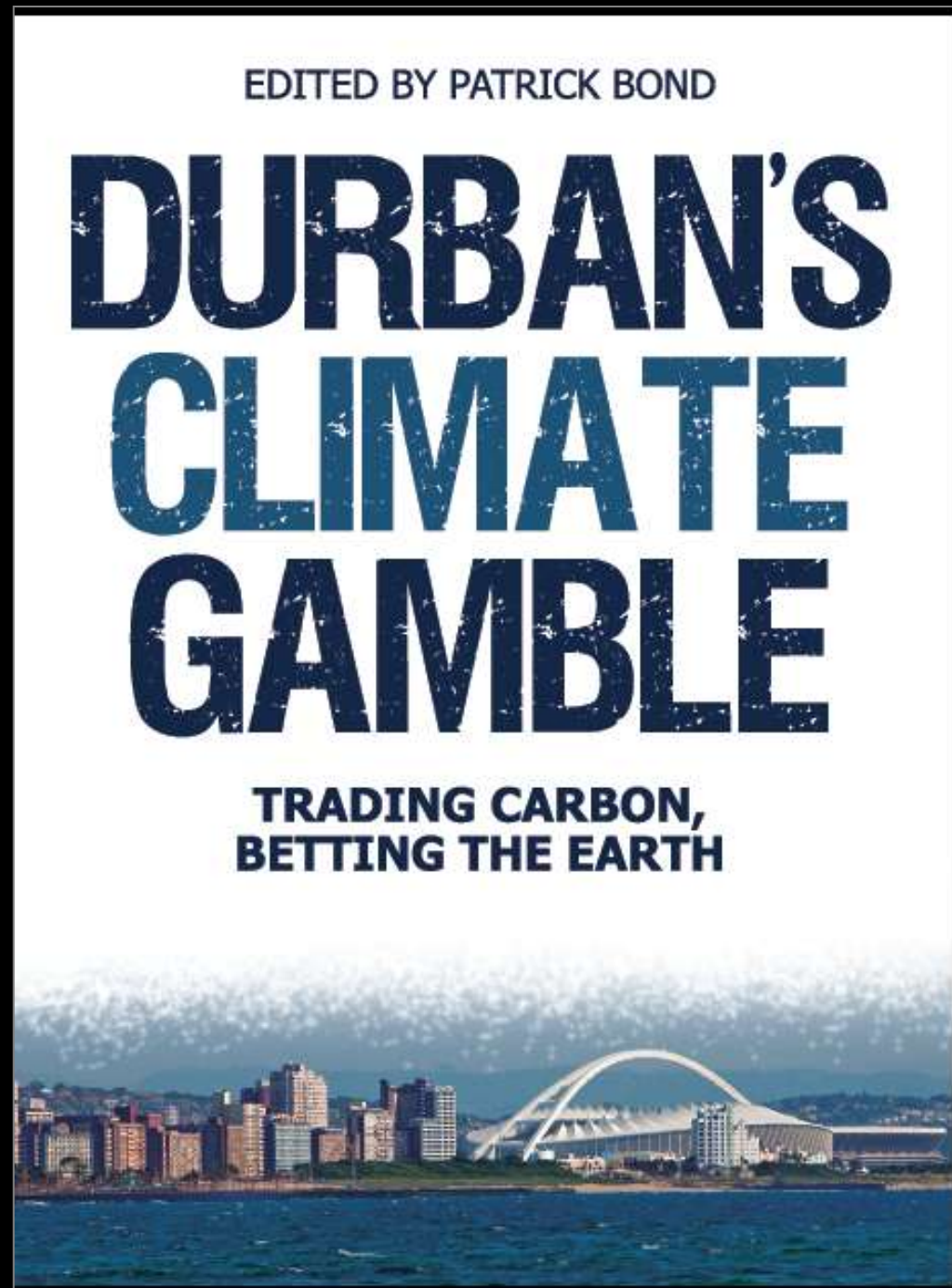
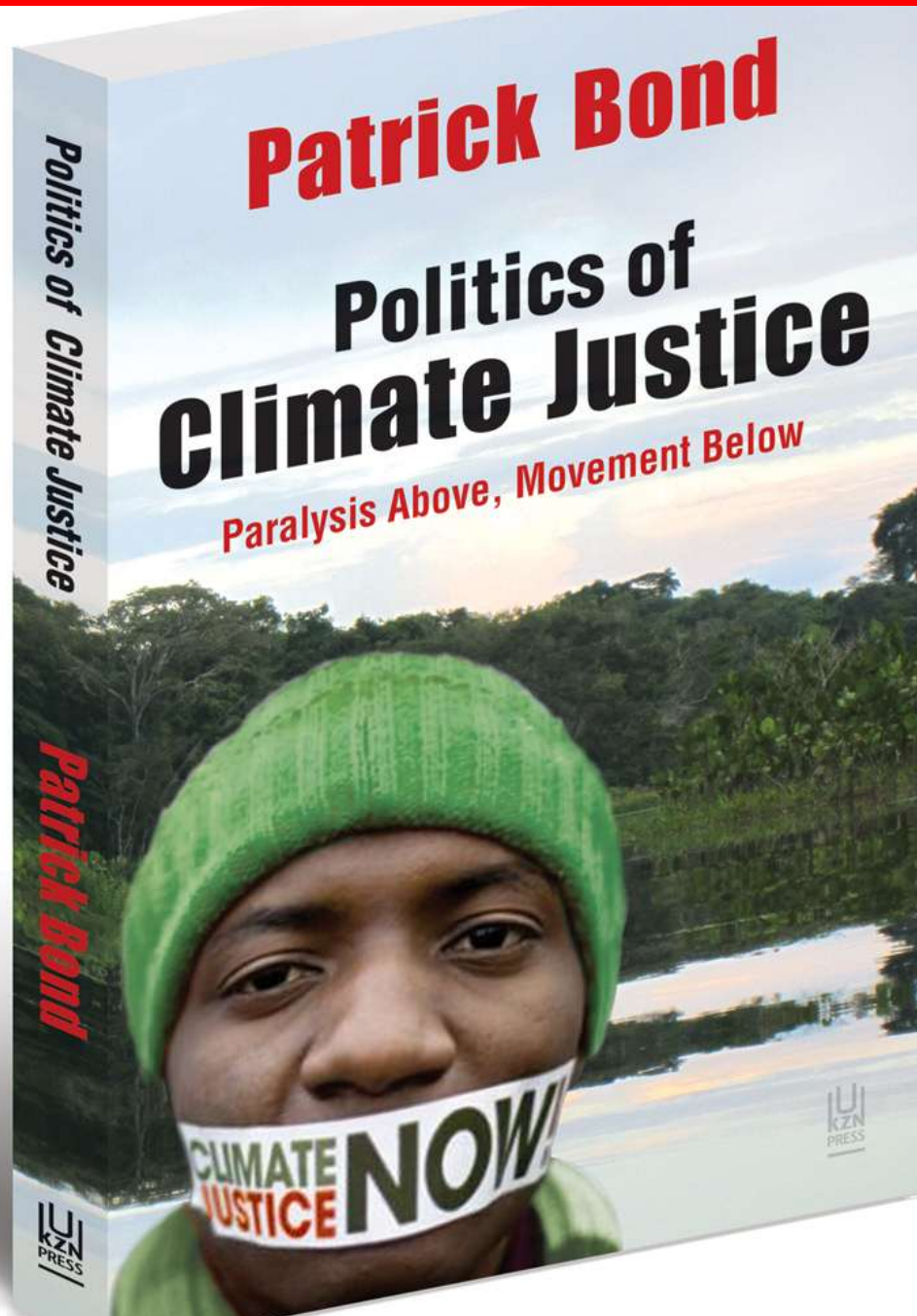
National Water Caucus on NWRS and water services

Community workshop with York in Mzinyathi

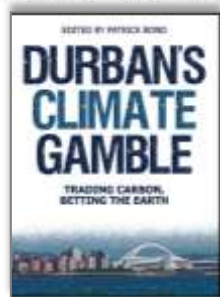
Tree planting day in Mzinyathi

Community- Muni workshops linked to Umphilo's meetings

CCS books published in Nov 2011



core urban governance analysis on climate and water in Durban



Durban's Water Wars, Sewage Spills, Fish Kills and Blue Flag Beaches

Patrick Bond

Water is one of the primary barometers of climate change: A rise in sea-levels, flooding, and extreme storms combined with general water stress and more severe and frequent droughts will escalate crises in municipal infrastructure, requiring continual upgrades for water purification, stormwater drainage, and sewage treatment, all of which will dramatically raise the price of water at the retail level. In South Africa, the dry western side will be most adversely affected by droughts (threatening the production of rooibos tea and Cape wines). According to the Academy of Science in South Africa (ASSAf), Durban is also at great risk and will experience higher temperatures and heat stress, volatile rainfall, up to 160 million cubic metres less water each year by 2100, a sea-level rise of up to a metre by 2100 across Durban's 100 km of developed coastline, lower biodiversity, higher disease levels (especially malaria and cholera), declining agricultural output (a 1degree Celsius rise leaves the surrounding region unreliable for the staple maize production), and other economic stresses (ASSAf 2011:27).

Tourism, one of Durban's main economic engines, will be irreparably harmed. Swimmers and surfers think of Durban's beachfront as one of the world's finest in any urban context. After apartheid-era rules that prohibited black people from using the best beaches were lifted at the end of the 1980s, the area stretching from the Blue Lagoon's Umgeni River to South Beach's uShaka Marine World – including the immensely popular North Beach area near the main restaurant strip – represented one of South Africa's most impressive, open and democratic public spaces.

The beach area hosts a number of Durban's key attractions. Five blocks west of North Beach is the International Convention Centre and Durban Exhibition Centre, where the 17th Conference of the Parties (COP 17) to the United Nations Framework Convention on Climate Change (UNFCCC) is holding its 2011 summit. Durban Harbour, further south, is also a major tourist site and is bordered on the southeast by the middle-class suburb of The Bluff.

Two major rivers, the Umlazi and the Umhlatuzana, cut through the South Durban Basin, emptying polluted water into the harbour and Indian Ocean. Between The Point, an area at the harbour entrance in the midst of luxury development, and the old, now closed Durban International Airport are Ansteys Beach and Brighton Beach, which are also beloved by surfers, sea-kayakers, swimmers, and fisherfolk. In a variety of ways – especially with regard to water quality – the looming prospect of substantial anthropomorphic climate change threatens these beaches and adjacent areas. A half-metre rise by 2100 – predicted by all major studies – will, as ASSAf concludes (2011:27), 'severely erode beaches and have an impact on tourism'.

In mid-2011, the national environment official Razeena Omar – who is responsible for coastal management – made the same observation about climate damage to the beaches. Acknowledging that Durban was leading South Africa in 'determining new development setback lines to mitigate against the effects of future sea-level rise and coastal erosion', she stated the following in a letter to municipal consultants regarding proposed beach-front development:

[T]he same municipality now appears to ignore their own setback lines and is proposing placing new infrastructure seawards of this setback line. Integrated Coastal Management finds this unacceptable and trusts that the province will give this issue careful consideration before an environmental record of decision is issued. In the short term, infrastructure should be placed as far back from the high-water mark as possible, while in the long term, a controlled retreat should be considered for sections of this coastline. (The Mercury 2011)

In the short term, water quality at the beach is *already* a major concern, as evidenced in recent years by the increasing numbers of surfers and bathers emerging from Durban's ocean with runny stomachs and ear infections. On many a hot day, *E. coli* counts soar, especially during periods of sand dredging or after heavy rains, which wash polluted water and silt into the city's four major rivers – the Umgeni (which supplies the bulk

forthcoming book (2013, UKZN Press)

Water drops

Commodities and commons in South Africa

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- 1. The life and death of water rights advocacy**
- 2. Water and commodification**
- 3. The 'rights culture' of water consumption**
- 4. A 'right to the city' and the eco-social commoning of water**
- 5. Water wars, sewage spills, fish kills and Blue Flag beaches**

CCS popular articles on climate and water, 2010-12 (mostly by Patrick Bond)

What Sandy shows South Africa

Counterpunch, 6 November 2012

BHP Billiton's sweetheart power price disempowers the rest of us

City Press, 28 October 2012

Kim's trip to South Africa was just a PR exercise for the World Bank

The Guardian Poverty Blog, 12 September 2012

Jim Yong Kim comes to Joburg – but will World Bank President visit Marikana and Medupi?

Daily Maverick, 6 September 2012

Values versus prices at the Rio+20 Earth Summit

Climateandcapitalism.com, 18 June

Inclusive green growth or extractive greenwashing decay?

Triplecrisis.com, 18 May

'Green Economy' buzz moves to Rio, leaving Pretoria confused

The Thinker, May 2012

Carbon rush or climate justice?

in Amy Miller (Ed), *Carbon Rush*, Montreal, 2012

Durban's Conference of Polluters, market failure and critic failure

ephemera, March 2012

South Africa's carbon tax disappoints

TripleCrisis.org, 12 March 2012

The meaning of Durban's climate summit for labour

South African Labour Bulletin, March 2012

When state- and market- climate failures are amplified by society-failure

Counterpunch, *ZNet*, *Links*, 29 February 2012

'Global sustainability' wilts in South Africa's political hot air

Pambazuka, *Links*, *ZNet*, etc, 16 February 2012

Steer clear of this climate 'Ponzi scheme'

with Michael Dorsey, *Business Day*, 24 January 2012

Durban's climate Zombie tripped by dying carbon markets

The Mercury, 20 December 2011

A dirty deal coming down in Durban

The Mercury, 6 December 2011

COP17's dirty secret: another failure will please certain South Africans

Sunday Independent, 27 November 2011

African climate CDMs 'Can't Deliver the Money'

with Michael Dorsey, *Sunday Independent*, 20 November 2011

For deconscientised Durban, a month until climate wake-up call

The Mercury, 25 October 2011

Electricity prices and runaway trucks will embarrass Durban's COP17

The Mercury, 27 September 2011

Dirty Durban's manual for climate greenwashing

The Mercury, *ZNet*, *Links*, *Counterpunch*, 29 August 2011

Leaving oil in the soil, from Durban's coast to Ecuador's Amazon

ZNet, *Counterpunch*, *Links*, *Pambazuka*, *The Mercury*, 3 August 2011

At the heart of our wealth and our woes, the 'Minerals-Energy Complex'

with Khadija Sharife, *The Mercury*, 19 July 2011

The insider-outsider climate quandary

The Mercury, 5 July 2011

From Bonn to Durban, climate meetings are Conferences of Polluters

ZNet, 21 June 2011

Climate finance leadership risks global bankruptcy

The Mercury, 24 April 2011

As climate summit approaches, SA industrial policy hits green wall

Southern Africa Report, 18 April 2011

South Africa prepares for 'Conference of Polluters'

Sunday Independent, 8 February 2011

The South African government's 'talk left walk right' climate policy

Climate and Capitalism, 1 February 2011

Dethroning King Coal in 2011, from West Virginia to Durban

Znet, January 30, 2011

From renewed climate hope to unrealizable market expectations

Business Day, December 2010

'Climate capitalism' won at Cancun - everyone else loses

Links, *ZNet*, *Counterpunch* and numerous other ezines, 12 December 2010

Anatomies of environmental knowledge and resistance

with Michael K. Dorsey, *Australian Journal of*

Political Economy, November 2010

A climate conference, old and new oil curses, and 'Good Samaritans'

CounterPunch, *Links*, *ZNet*, 22 November 2010

Community resistance to energy privatization in South Africa

with Trevor Ngwane, in Kolya Abramsky (Ed), *Sparking a Worldwide Energy Revolution: Social Struggles in the Transition to a Post-Petrol World*, Oakland, AK Press, September 2010

Emissions trading, new enclosures and eco-social contestation

Antipode, August 2010

Climate justice politics across space and scale

Human Geography, July 2010

Climate debt owed to Africa

African Journal for Science, Technology, Innovation and Development, June 2010

Climate justice, climate debt, and anti-capitalism

Upping the Anti, May 2010

World Bank threat to South African politics and the world's climate

The Mercury, 13 April 2010

Circumventing the climate cul-de-sac

Social Text, March 2010

Maintaining momentum after Copenhagen's collapse

Capitalism Nature Socialism, March 2010

Climate justice opportunities after US carbon market and legislative crashes

with Desmond D'Sa, *ZNet*, 31 March 2010

What will Zoellick break next?

Counterpunch, 19 March 2010

Durban's waste of energy

The Mercury, 3 February 2010

SA's self-interested carbon pollution gels with 'disappointing' global climate governance

Sunday Independent, 24 January 2010

Eskom's price hikes plus climate change contributions blow citizen fuses

with Alice Thomson, in *The Mercury*, 20 January 2010

The carbon market ship is sinking fast

ZNet, 19 January 2010

Why climate justice did not crumble at the summit

Counterpunch, 12 January 2010

CCS seminars and events, 2012

Liane Greeff CCS Seminar: 'You can't have your gas and drink your water!' - the incompatibility of fracking to water rights, 29 October

Patrick Bond debates KZN provincial planner on South Durban port, 25 September

Patrick Bond speaks on Resource-Cursed Southern Africa in Harare, 18 September

Patrick Bond on detoxing South Durban at Umbilo community meeting, 12 September

Melanie Müller CCS Seminar: What did COP17 do to SA environmentalism? 7 September

Adrian Nel CCS Seminar: Ugandan carbon forestry, community resistance and environmental management, 4 September

Patrick Bond debates Pravin Gordhan on South Durban's port expansion, Clairwood, 1 September

Patrick Bond paper on environmental and social rights at Christian Michelsen Institute workshop, Norway, 27 August

Molefi Ndlovu on Qwasha! Durban street narratives about COP17, Christian Michelsen Institute, Norway, 26 August

Environmental Teach-In, 25 August

Delwyn Pillay, Dimple Deonath & Vanessa Black South Durban civil society confronts Back of Port planning, 23 August

Sarah Bracking CCS Seminar: Contesting the frontiers of value in society, nature and capitalism

Patrick Bond lecture on White Elephants to S.Durban Community Environmental Alliance at Austerville Community Centre, 21 August

Michael Dorsey CCS Seminar: Can the Green Climate Fund provide appropriate finance to Africa? 20 August

Neima Adamo, Sergio Brito, Ester Uamba, Patrick Bond & Dimple Deonath CCS Seminar: Climate, water and destructive development from Maputo to South Durban, 3 August

Jim Kilgore CCS Seminar: Freedom never rests, when it comes to water commodification and service delivery protests, 23 July

Patrick Bond at Rio+20 reportback, 17 July, Diakonia Centre

Khadija Sharife & Patrick Bond CCS Seminar: The Decommissioning of Durban's Emissions Trade Pilot, 11 July

Patrick Bond on climate justice at Johannesburg Workshop in Theory and Criticism, Goethe Institute, Johannesburg, 5 July

Patrick Bond course lectures on political economy, ecology and social policy, 2-13 July

Khadija Sharife & Patrick Bond CCS Seminar - Rio+20 report-back, 2 July

Patrick Bond on social and environmental justice strategies, Rio+20 Cupula dos Povos plenary, 18 June

Patrick Bond, Khadija Sharife & Baruti Amisi on African CDMs at the International Society for Ecological Economics, Rio de Janeiro, 17 June

Kim Min-Jung speaks on climate activism and the COP17 at Gyeongsang Univ Institute of Social Studies, Korea, 15 June

Fidelis Allen & Khadija Sharife CCS Seminar: CDM cannot deliver: Lessons from Nigeria, 11 June

Patrick Bond lecture on carbon trading at the Brazilian Society of Political Economy, Universidade Federal do Espírito Santo, Rio de Janeiro, 5 June

Patrick Bond on 'Imperial and subimperial interests in neoliberalised nature', keynote address at Sussex Univ SouthGovNet conference, Brighton, 16-17 May

Patrick Bond booklaunch on climate justice at Bookmarks, London, 14 May

Sasha Kramer & Anthony Kilbride CCS Seminar: Improving access to sanitation on a global scale, 10 May

Patrick Bond unpacks eco-imperialism at People's Dialogue 'Green Economy' seminar, Johannesburg, 5 May

Durban can 'connect-the-dots' to climate change with 350.org, 5 May

Patrick Bond skype lecture on Green Capitalism to Rhodes Univ, 3 May

Michele Maynard CCS Seminar: African climate change and carbon trading politics, 23 April

Baruti Amisi CCS Seminar: Will the Inga Hydropower Project meet Africa's electricity needs?, 20 April

Henrik Ernstson CCS/DevStudies seminar on urban ecology, 28 March

Felix Platz CCS Seminar: Climate Change narratives – experiences from the COP 17, 20 March

David Hallows and Tristen Taylor CCS Seminar: A hostile climate - civil society impact on the COP17, 15 March

Simphiwe Njjiyeza CCS Seminar: Durban's state-sponsored climate change chaos, 1 March

Patrick Bond on climate justice at Santa Barbara Global Studies Conference, 25 February

Lushendrie Naidu CCS Seminar: The state of South Durban's industrial basin, 23 February

Patrick Bond booksigning climate justice titles at Sandton Square Exclusives Books, Johannesburg, 24 January

Bobby Peek CCS Seminar: What went right and what went wrong at the COP17?, 19 January