

### Citations for:

Neelin, J. D., and N. Zeng, 2000: A quasi-equilibrium tropical circulation model---  
formulation. *J. Atmos. Sci.* , **57**, 1741-1766.

1. Chou C, Neelin JD, Tu JY, et al.

Regional tropical precipitation change mechanisms in ECHAM4/OPYC3 under global warming  
JOURNAL OF CLIMATE 19 (17): 4207-4223 SEP 2006

**Times Cited:** 0

2. Hales K, Neelin JD, Zeng N

Interaction of vegetation and atmospheric dynamical mechanisms in the mid-holocene African  
monsoon

JOURNAL OF CLIMATE 19 (16): 4105-4120 AUG 2006

**Times Cited:** 0

3. Friedlingstein P, Cox P, Betts R, et al.

Climate-carbon cycle feedback analysis: Results from the (CMIP)-M-4 model intercomparison  
JOURNAL OF CLIMATE 19 (14): 3337-3353 JUL 2006

**Times Cited:** 1

4. Lintner BR, Chiang JCH

Reorganization of tropical climate during El Nino: A weak temperature gradient approach

JOURNAL OF CLIMATE 18 (24): 5312-5329 DEC 2005

**Times Cited:** 0

5. Chou C, Neelin JD, Lohmann U, et al.

Local and remote impacts of aerosol climate forcing on tropical precipitation

JOURNAL OF CLIMATE 18 (22): 4621-4636 NOV 2005

**Times Cited:** 1

6. Su H, Neelin JD, Meyerson JE

Mechanisms for lagged atmospheric response to ENSO SST forcing

JOURNAL OF CLIMATE 18 (20): 4195-4215 OCT 2005

**Times Cited:** 1

7. Peters ME, Bretherton CS

A simplified model of the Walker circulation with an interactive ocean mixed layer and cloud-  
radiative feedbacks

JOURNAL OF CLIMATE 18 (20): 4216-4234 OCT 2005

**Times Cited:** 1

8. Neelin JD, Su H

Moist teleconnection mechanisms for the tropical South American and Atlantic sector

JOURNAL OF CLIMATE 18 (18): 3928-3950 SEP 15 2005

**Times Cited:** 6

9. Su H, Neelin JD

Dynamical mechanisms for African monsoon changes during the mid-Holocene

JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES 110 (D19): Art. No. D19105 OCT 6  
2005

**Times Cited:** 1

10. Gushchina DY, Dewitte B  
Interannual climate variability and teleconnections in a quasi-equilibrium tropical circulation model  
IZVESTIYA ATMOSPHERIC AND OCEANIC PHYSICS 41 (4): 393-417 JUL-AUG 2005  
**Times Cited:** 0
11. Zeng N, Mariotti A, Wetzel P  
Terrestrial mechanisms of interannual CO2 variability  
GLOBAL BIOGEOCHEMICAL CYCLES 19 (1): Art. No. GB1016 MAR 2 2005  
**Times Cited:** 6
12. Zeng N, Qian HF, Munoz E, et al.  
How strong is carbon cycle-climate feedback under global warming?  
GEOPHYSICAL RESEARCH LETTERS 31 (20): Art. No. L20203 OCT 28 2004  
**Times Cited:** 10
13. Chou C, Neelin JD  
Mechanisms of global warming impacts on regional tropical precipitation  
JOURNAL OF CLIMATE 17 (13): 2688-2701 JUL 2004  
**Times Cited:** 9
14. Wang G, Eltahir EAB, Foley JA, et al.  
Decadal variability of rainfall in the Sahel: results from the coupled GENESIS-IBIS atmosphere-biosphere model  
CLIMATE DYNAMICS 22 (6-7): 625-637 JUN 2004  
**Times Cited:** 7
15. Chou C  
Establishment of the low-level wind anomalies over the western North Pacific during ENSO development  
JOURNAL OF CLIMATE 17 (11): 2195-2212 JUN 2004  
**Times Cited:** 1
16. Hales K, Neelin JD, Zeng N  
Sensitivity of tropical land climate to leaf area index: Role of surface conductance versus albedo  
JOURNAL OF CLIMATE 17 (7): 1459-1473 APR 2004  
**Times Cited:** 7
17. Neelin JD, Chou C, Su H  
Tropical drought regions in global warming and El Nino teleconnections  
GEOPHYSICAL RESEARCH LETTERS 30 (24): Art. No. 2275 DEC 24 2003  
**Times Cited:** 18
18. Sobel AH, Gildor H  
A simple time-dependent model of SST hot spots  
JOURNAL OF CLIMATE 16 (23): 3978-3992 DEC 2003  
**Times Cited:** 11
19. Zhang GJ  
Convective quasi-equilibrium in the tropical western Pacific: Comparison with midlatitude continental environment  
JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES 108 (D19): Art. No. 4592 OCT 1 2003  
**Times Cited:** 8

20. Chou C  
Land-sea heating contrast in an idealized Asian summer monsoon  
CLIMATE DYNAMICS 21 (1): 11-25 JUL 2003  
**Times Cited:** 6
21. Tian BJ, Ramanathan V  
A simple moist tropical atmosphere model: The role of cloud radiative forcing  
JOURNAL OF CLIMATE 16 (12): 2086-2092 JUN 2003  
**Times Cited:** 0
22. Su H, Neelin JD, Meyerson JE  
Sensitivity of tropical tropospheric temperature to sea surface temperature forcing  
JOURNAL OF CLIMATE 16 (9): 1283-1301 MAY 2003  
**Times Cited:** 11
23. Sobel AH  
On the coexistence of an evaporation minimum and precipitation maximum in the warm pool  
JOURNAL OF CLIMATE 16 (6): 1003-1009 MAR 2003  
**Times Cited:** 5
24. Sobel AH, Bretherton CS  
Large-scale waves interacting with deep convection in idealized mesoscale model simulations  
TELLUS SERIES A-DYNAMIC METEOROLOGY AND OCEANOGRAPHY 55 (1): 45-60 JAN 2003  
**Times Cited:** 5
25. Zhang GJ  
Convective quasi-equilibrium in midlatitude continental environment and its effect on convective parameterization  
JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES 107 (D14): Art. No. 4220 JUL 2002  
**Times Cited:** 16
26. Bretherton CS, Sobel AH  
A simple model of a convectively coupled walker circulation using the weak temperature gradient approximation  
JOURNAL OF CLIMATE 15 (20): 2907-2920 OCT 2002  
**Times Cited:** 14
27. Su H, Neelin JD  
Teleconnection mechanisms for tropical Pacific descent anomalies during El Nino  
JOURNAL OF THE ATMOSPHERIC SCIENCES 59 (18): 2694-2712 SEP 15 2002  
**Times Cited:** 10
28. Sobel AH  
Water vapor as an active scalar in tropical atmospheric dynamics  
CHAOS 12 (2): 451-459 JUN 2002  
**Times Cited:** 0
29. Lin JWB, Neelin JD  
Considerations for stochastic convective parameterization  
JOURNAL OF THE ATMOSPHERIC SCIENCES 59 (5): 959-975 2002  
**Times Cited:** 12
30. Sobel AH, Nilsson J, Polvani LM  
The weak temperature gradient approximation and balanced tropical moisture waves

JOURNAL OF THE ATMOSPHERIC SCIENCES 58 (23): 3650-3665 2001

**Times Cited:** 24

31. Chou C, Neelin JD, Su H

Ocean-atmosphere-land feedbacks in an idealized monsoon

QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY 127 (576): 1869-1891 Part B  
JUL 2001

**Times Cited:** 12

32. Raymond DJ

A new model of the Madden-Julian oscillation

JOURNAL OF THE ATMOSPHERIC SCIENCES 58 (18): 2807-2819 2001

**Times Cited:** 28

33. Su H, Neelin JD, Chou C

Tropical teleconnection and local response to SST anomalies during the 1997-1998 El Nino

JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES 106 (D17): 20025-20043 SEP 16 2001

**Times Cited:** 24

34. Sobel AH, Bretherton CS

Modeling tropical precipitation in a single column

JOURNAL OF CLIMATE 13 (24): 4378-4392 2000

**Times Cited:** 31

35. Lin JWB, Neelin JD

Influence of a stochastic moist convective parameterization on tropical climate variability

GEOPHYSICAL RESEARCH LETTERS 27 (22): 3691-3694 NOV 15 2000

**Times Cited:** 19

36. Lin JWB, Neelin JD, Zeng N

Maintenance of tropical intraseasonal variability: Impact of evaporation-wind feedback and midlatitude storms

JOURNAL OF THE ATMOSPHERIC SCIENCES 57 (17): 2793-2823 SEP 1 2000

**Times Cited:** 22

37. Zeng N, Neelin JD

The role of vegetation-climate interaction and interannual variability in shaping the African savanna

JOURNAL OF CLIMATE 13 (15): 2665-2670 AUG 1 2000

**Times Cited:** 28

38. Neelin JD, Zeng N

A quasi-equilibrium tropical circulation model - Formulation

JOURNAL OF THE ATMOSPHERIC SCIENCES 57 (11): 1741-1766 JUN 1 2000

**Times Cited:** 63