

@incollection{Adar.46,

```
author = {E. Adar and C. K\"ulls},
title = {{MCMsf - Mixing-cell model for a steady flow MIG}: Mixing-cell
input generator: A short manual for installation and operation of MCMsf
using the MIG mixing-cell input generator}},
URL =
{http://www-naweb.iaea.org/napc/ih/documents/TECD0CS/TECD0C{\%}20Flow{\%}20a
nd{\%}20transport{\%}20in{\%}20groundwater{\%}202002{\%}20UIAGS.PDF},
series = {IAEA-TECD0C},
number = {1448},
year = {2002},
publisher = {IAEA},
address = {Vienna},
booktitle = {{Use of Isotopes for Analyses of Flow and Transport Dynamics in
Groundwater Systems}},
pages = {1--29},
keywords = {groundwater,mixing,modeling}
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@article{Benito.51,

```
author = {Benito, G. and Rohde, R. and Seely, M. and K\"ulls, C. and Dahan,
O. and Enzel, Y.},
title = {Management of Alluvial Aquifers in Two Southern African Ephemeral
Rivers: Implications for IWRM},
URL = {http://www.springerlink.com/index/A444075625259522.pdf},
ISSN = {0920-4741 (Print) 1573-1650 (Online)},
DOI = {10.1007/s11269-009-9463-9},
volume = {24},
number = {4},
year = {2010},
journal = {Water Resources Management},
pages = {641--667}
```

}

@article{Dahan.59,

```
author = {Dahan, O. and Shani, Y. and Enzel, Y. and Yechieli, Y. and
Yakirevich, A.},
title = {Direct measurements of floodwater infiltration into shallow
alluvial aquifers},
volume = {344},
year = {2007},
journal = {Journal of Hydrology},
pages = {157--170}
```

}

@article{Dahan.11,

```
author = {Dahan, O. and Tatarsky, B. and Enzel, Y. and Kuells, C. and  
Seely, M. and Benito, G.},  
title = {Dynamics of flood water infiltration and ground water recharge in  
hyperarid desert},  
URL = {http://www3.interscience.wiley.com/journal/119390554/abstract},  
DOI = {10.1111/j.1745-6584.2007.00414.x},  
volume = {46},  
number = {3},  
year = {2008},  
journal = {Ground Water},  
pages = {450--461}
```

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@incollection{Demuth.15,

```
author = {Demuth, S. and Kuells, C.},  
editor = {Rosberg, D. and al.},  
title = {Probability analysis and regional aspects of droughts in southern  
Germany},  
series = {Red Book Series},  
volume = {240},  
year = {1997},  
publisher = {IAHS Red Book Series},  
address = {Wallingford U.K.},  
booktitle = {Sustainability of Water Resources under Increasing  
Uncertainty},  
pages = {97--114}
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}

@book{Gaiser.52,

```
author = {Gaiser, T. and Krol, M. and Frischkorn, H. and Araujo, J. C.},  
title = {Global Change and Regional Impacts},  
edition = {1},  
year = {2003},  
publisher = {Springer},  
address = {Berlin, Heidelberg, New York},  
keywords = {Brazil,IWRM}
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@article{Heidbuechl.50,

```
author = {Heidbuechl, I. and Kuells, C.},  
title = {Groundwater controls on flash flood shape and incidence},  
URL =  
{http://www.cosis.net/abstracts/EGU2008/11123/EGU2008-A-11123-2.pdf?PHPSESSI
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D=d1b7d1803114b6424729e5e35ffc4f7f},
year = {2008},
journal = {Geophysical Research Abstracts}
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@article{Kulls.13,
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author = {K\"ulls, C. and Leibundgut, C. and Schwarz, U. and Schick, A.},
title = {Channel infiltration study using dye tracers},
URL = {http://iahs.info/redbooks/a232/iahs{\_}232{\_}0429.pdf},
ISSN = {0-947571-64-7},
number = {232},
year = {1994},
journal = IAHS,
pages = {429--436},
month = {August}
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@mastersthesis{Kulls.19,
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```
author = {K\"ulls, C.},
title = {Transmission Losses from Ephemeral Floods in Nahal Zin, Israel},
year = {1994},
school = {M. Sc. Thesis, Institute of Hydrology},
address = {Albert Ludwigs University Freiburg}
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```
}
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@article{Kulls.12,
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```
author = {K\"ulls, C. and Adar, E. and Udluft, P.},
title = {Resolving patterns of groundwater flow by inverse hydrochemical
modelling in a semiarid Kalahari basin},
URL = {http://iahs.info/redbooks/a262/26265.htm},
number = {262},
year = {2000},
journal = {IAHS},
pages = {447--451}
```

```
}
```

```
@misc{Kulls.53,
```

```
author = {K\"ulls, C. and Salameh, E. and Udluft, P.},
title = {Assessing water supplies for irrigation - availability of natural
resources and sustainability indices},
URL =
{http://ftp.gwdg.de/pub/tropentag/proceedings/2000/Full{\%}20Papers/Section{
\%}20II/WG{\%}20d/Kuells{\%}20C.pdf},
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```
organization = {Univ. Hohenheim},  
year = {2000},  
location = {Hohenheim}
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```
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```
@phdthesis{Kulls.14,
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```
author = {K\"ulls, C.},  
title = {Groundwater of the North-Western Kalahari, Namibia: Estimation of  
recharge and quantification of the flow systems},  
year = {2000},  
school = {Maximilians University},  
address = {W\"urzburg},  
journal = {Doktorarbeit, Universit\"at W\"urzburg}
```

```
}
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```
@incollection{Kulls.23,
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```
author = {K\"ulls, C. and Udluft, P.},  
title = {Mapping the availability and dynamics of groundwater recharge. Part  
II: Case studies},  
year = {2000},  
booktitle = {3rd Congress on Regional Geological Cartography and  
Information Systems},  
pages = {163--168}
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```
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```

```
@article{Kulls.30,
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```
author = {K\"ulls, C.},  
title = {Groundwater of the North-Western Kalahari, Namibia. Estimation of  
Recharge and Quantification of the Flow Systems},  
URL = {http://nbn-resolving.de/urn:nbn:de:bvb:20-1180680},  
ISSN = {09309-3757},  
volume = {28},  
year = {2001},  
journal = HU,  
pages = {1--165}
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```
}
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```
@article{Kulls.38,
```

```
author = {K\"ulls, C.},  
title = {Indicators for the the distribution of flood recharge along  
ephemeral rivers},  
year = {2006},  
journal = {Geophysical Research Abstracts}
```

}

@article{Kulls.36,

```
author = {K\"ulls, C.},  
title = {Large basins as isotopic monitors of hydrologic response in arid  
zones},  
year = {2007},  
journal = {Geophysical Research Abstracts}
```

}

@article{Kulls.49,

```
author = {K\"ulls, C.},  
title = {Interaction between riparian phreatophytes, alluvial aquifers and  
channel processes},  
year = {2007},  
journal = {Geophysical Research Abstracts}
```

}

@misc{Kulls.44,

```
author = {K\"ulls, C.},  
title = {The WADE experience-twinning hydrological research and IWRM in  
European and Southern African drylands},  
year = {2008}
```

}

@misc{Kulls.45,

```
author = {K\"ulls, C.},  
title = {Significant trends, underlying processes and indicators-the  
validation of hydrological change},  
year = {2008},
```

}

@article{Kulls.43,

```
author = {K\"ulls, C. and Zabori, J.},  
title = {On the representation of hydrological processes in current SVAT  
schemes-comparison and perspective (Invited)},  
URL = {http://adsabs.harvard.edu/abs/2009AGUFM.B14A..01K},  
year = {2009},  
journal = {AGU Fall Meeting Abstracts}
```

}

@article{Klaus.20,

```
author = {Klaus, J. and Kuells, C. and Dahan, O.},
title = {Evaluating the recharge mechanism of the Lower Kuiseb Dune area
using mixing cell modeling and residence time data},
URL = {http://linkinghub.elsevier.com/retrieve/pii/S002216940800293X},
DOI = {10.1016/j.jhydrol.2008.06.012},
volume = {358},
number = {3-4},
year = {2008},
journal = {J. Hydrol.},
pages = {304--316}
```

}

@article{Klock.37,

```
author = {Klock, H. and Kuells, C. and Udluft, P.},
title = {Estimation of relative recharge values for the northern Kalahari
catchment, Namibia},
URL =
{http://www.csa.com/partners/viewrecord.php?requester=gs\textbackslash{\&}co
llection=ENV\textbackslash{\&}recid=4873320},
volume = {22},
number = {4},
year = {2000},
journal = {Journal of African Earth Sciences},
pages = {47}
```

}

@incollection{Klock.34,

```
author = {Klock, H. and Kuells, C. and Udluft, P.},
title = {Estimating recharge values using hydrochemical and geological data:
A case study from the semiarid Kalahari},
URL = {http://cat.inist.fr/?aModele=afficheN{\&}cpsidt=1021076},
ISBN = {1-901502-56-2},
series = {Red Book Series},
number = {269},
volume = {269},
year = {2001},
publisher = {IAHS Red Book Series},
address = {Wallingford U.K.},
booktitle = {Impact of human activity on groundwater dynamics},
pages = {25--31}
```

}

@book{Leibundgut.29,

```
author = {Leibundgut, C. and Maloszewski, P. and Kuells, C.},
title = {Tracers in hydrology},
URL = {http://eu.wiley.com/WileyCDA/WileyTitle/productCd-0470518855.html},
ISBN = {978-0470518854},
edition = {1st},
year = {2009},
publisher = {John Wiley & Sons}
```

```
}
```

```
@article{Morin.18,
```

```
author = {Morin, E. and Grodek, T. and Enzel, Y. and Dahan, O. and Benito,
G. and Kuells, C. and Jacoby, Y. and van Langenhove, G. and Seely, M.},
title = {Flood routing and alluvial aquifer recharge along the ephemeral
arid Kuiseb River, Namibia},
URL = {http://linkinghub.elsevier.com/retrieve/pii/S0022169409000882},
volume = {368},
year = {2009},
journal = {J. Hydrol.},
pages = {262--275}
```

```
}
```

```
@inproceedings{Troger.54,
```

```
author = {Troger, U. and Dias, C. L. and Guillaumon, J. R. and Iritani, M.
A. and Kuells, C. and Schuler, G.},
title = {Remarks and new data about the recharge of the Guarani Aquifer
System},
publisher = {IAH},
URL = {http://www.igeograf.unam.mx/aih/pdf/T5/T5-39.pdf},
series = {IAH Conf. Proceedings},
year = {2004},
publisher = {IAH},
address = {Mexico City},
booktitle = {XXXIII Congress AIH},
pages = {T5-39}
```

```
}
```

```
@incollection{Udluft.16,
```

```
author = {Udluft, P. and Kuells, C.},
title = {Mapping the availability and dynamics of groundwater recharge: Part
I: Modelling techniques},
booktitle = {3rd Congress on Regional Geological Cartography and
Information Systems},
pages = {337--340},
year = {2000}
```

}

@incollection{Voerkelius.22,

```
author = {Voerkelius, S. and Kuells, C. and Santiago, M. and Frischkorn, H.
and Alves dos Santos Semrau, L. and Heinrichs, G. and Lopez Gil, M. M.},
title = {Investigations on Water Management and Water Quality in Picos/PI
and Taua/CE},
ISBN = {3540438246},
year = {2003},
publisher = {Springer},
address = {Berlin, Heidelberg, New York},
booktitle = {Investigations on Water Management and Water Quality in
Picos/PI and Taua/CE},
pages = {173--184}
```

}

@article{Zagana.39,

```
author = {Zagana, E. and Kuells, C. and Udluft, P.},
title = {Hydrochemie und Wasserhaushalt des Aliakmonas},
URL = {http://cat.inist.fr/?aModele=afficheN\&cpsidt=1328751},
ISSN = {0083-6915},
volume = {94},
year = {2000},
journal = {Vom Wasser},
pages = {29--39}
```

}

@article{Zagana.17,

```
author = {Zagana, E. and Obeidat, M. and Kuells, C. and Udluft, P.},
title = {Chloride, hydrochemical and isotope methods of groundwater recharge
estimation in eastern Mediterranean areas: a case study in Jordan},
URL = {http://www3.interscience.wiley.com/journal/114202153/abstract},
DOI = {10.1002/hyp.6390},
volume = {21},
number = {16},
year = {2007},
journal = {Hydrol. Proc.},
pages = {2112--2123}
```

}

@article{Zagana.21,

```
author = {Zagana, E. and Kuells, C. and Udluft, P. and Constantinou, C.},
title = {Methods of groundwater recharge estimation in Eastern Mediterranean
- a water balance model application in Greece, Cyprus and Jordan},
```



```
URL = {http://www3.interscience.wiley.com/journal/114202156/abstract},  
ISSN = {1099-1085},  
DOI = {10.1002/hyp.6392},  
volume = {21},  
number = {18},  
year = {2007},  
journal = {Hydrol. Proc.},  
pages = {2405--2414}
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