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Mendeley: персональная научная библиотека и инструмент научной коммуникации

Национальный исследовательский
Московский государственный строительный
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28.02.2020

Филатов Максим Михайлович

Консультант по ключевым информационным решениям Elsevier

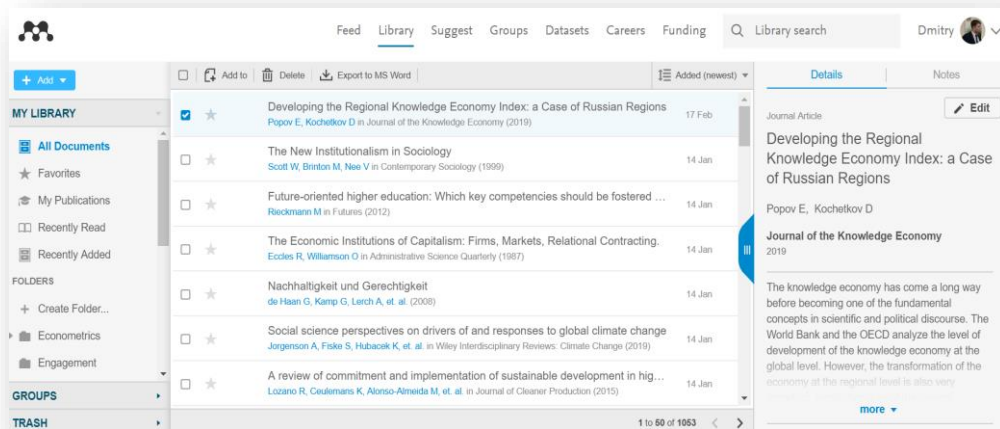


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- **Mendeley** - бесплатная программа для управления библиографической информацией, позволяющая хранить и просматривать публикации в формате PDF, а также имеющая подключение к международной социальной сети учёных. Для получения доступа к использованию программы, необходимо создать учётную запись на сайте социальной сети. Базовый пакет Mendeley распространяется как freeware, однако существуют платные версии с увеличенными квотами на хранение материалов и создание групп.



Что такое Mendeley?



Mendeley - это библиоменеджер, позволяющий читать, комментировать, распространять, управлять хранением и цитировать научные статьи...

...и научная социальная сеть с 8+ миллионами пользователей, позволяющая находить единомышленников и изучать тренды современных исследований.



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Ocean Dynamics

Volume 56, Issue 5-6, December 2006, Pages 543-567

Impact of partial steps and momentum advection schemes in a global ocean circulation model at eddy-permitting resolution (Article)

Bernard, B.^a, Madec, G.^b, Penduff, T.^a, Molines, J.-M.^a, Treguier, A.-M.^c, Le Sommer, J.^a, Beckmann, A.^d, Biastoch, A.^e, Böning, C.^e, Dengg, J.^e, Derval, C.^f, Durand, E.^f, Gulev, S.^g, Remy, E.^f, Talandier, C.^d, Theetten, S.^c, Maltrud, M.^h, McClean, J.ⁱ, De Cuevas, B.^j

^aLaboratoire des Écoulements Géophysiques et Industriels, Grenoble, France

^bLaboratoire d'Océanographie Dynamique et de Climatologie, Paris, France

^cLaboratoire de Physique des Océans, Ifremer Centre de Brest, Plouzané, France

^dDepartment of Physical Sciences, Division of Geophysics, University of Helsinki, Helsinki, Finland

^eIFM-GEOMAR, Leibniz-Institut für Meereswissenschaften, Universität Kiel, Kiel, Germany

^fMERCATOR-Ocean, Toulouse, France

^gShirshov Institut of Oceanography, Russian Academy of Science, Moscow, Russian Federation

^hFluid Dynamics Group, Los Alamos National Laboratory, Los Alamos, United States

ⁱScripps Institution of Oceanography, UCSD, San Diego, United States

^jNational Oceanography Centre, Southampton, United Kingdom

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Краткое описание

[^ Просмотр приставных ссылок \(66\)](#)

Series of sensitivity tests were performed with a z-coordinate, global eddy-permitting (1/4°) ocean/sea-ice model (the ORCA-Ro25 model configuration developed for the DRAKKAR project) to carefully evaluate the impact of recent state-of-the-art numerical schemes on model solutions. The combination of an energy-entropy conserving (EEN) scheme for momentum advection with a partial step (PS) representation of the bottom topography yields significant improvements in the mean circulation. Well known biases in the representation of western boundary currents, such as in the Atlantic the detachment of the Gulf Stream, the path of the North Atlantic Current, the location of the Confluence, and

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Abstract

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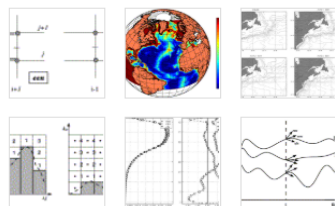
1. Introduction
2. On momentum advection schemes
3. Numerical configuration, simulations and methodology
4. Momentum advection schemes and vorticity dynamics
5. Impact of the regularity of the velocity field
6. Conclusion and discussion

Acknowledgements

References

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Ocean Modelling
Volume 29, Issue 1, 2009, Pages 1-14



How momentum advection schemes influence current-topography interactions at eddy permitting resolution

Julien Le Sommer ^{a, ✉}, Thierry Penduff ^a, Sébastien Theetten ^b, Gurvan Madec ^c, Bernard Barnier ^a

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Abstract

Recent studies have shown that the use of an enstrophy-and-energy-conserving momentum advection scheme substantially reduces widespread biases of mean currents in the global 1/4° DRAKKAR model. This paper investigates the origin of these improvements. A series of sensitivity simulations with different momentum advection schemes is performed with the North Atlantic 1/4° DRAKKAR model. Three second order momentum advection schemes compared, respectively, enstrophy (*ens*), energy (*efx*) and both quantities (*een*) are tested and their impact on the model solution are compared.

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Библиоменеджер (Reference management software) - это система, позволяющая исследователям, учёным и писателям создавать, организовывать в персональной библиотеке и повторно использовать библиографические ссылки.

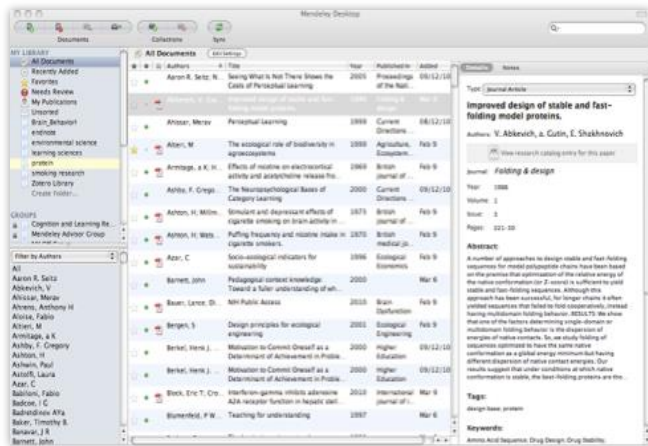
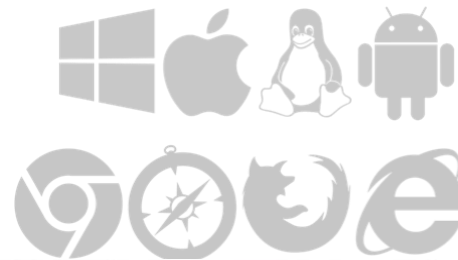


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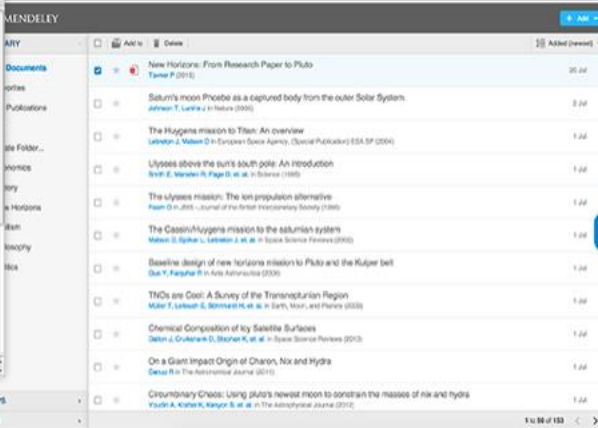
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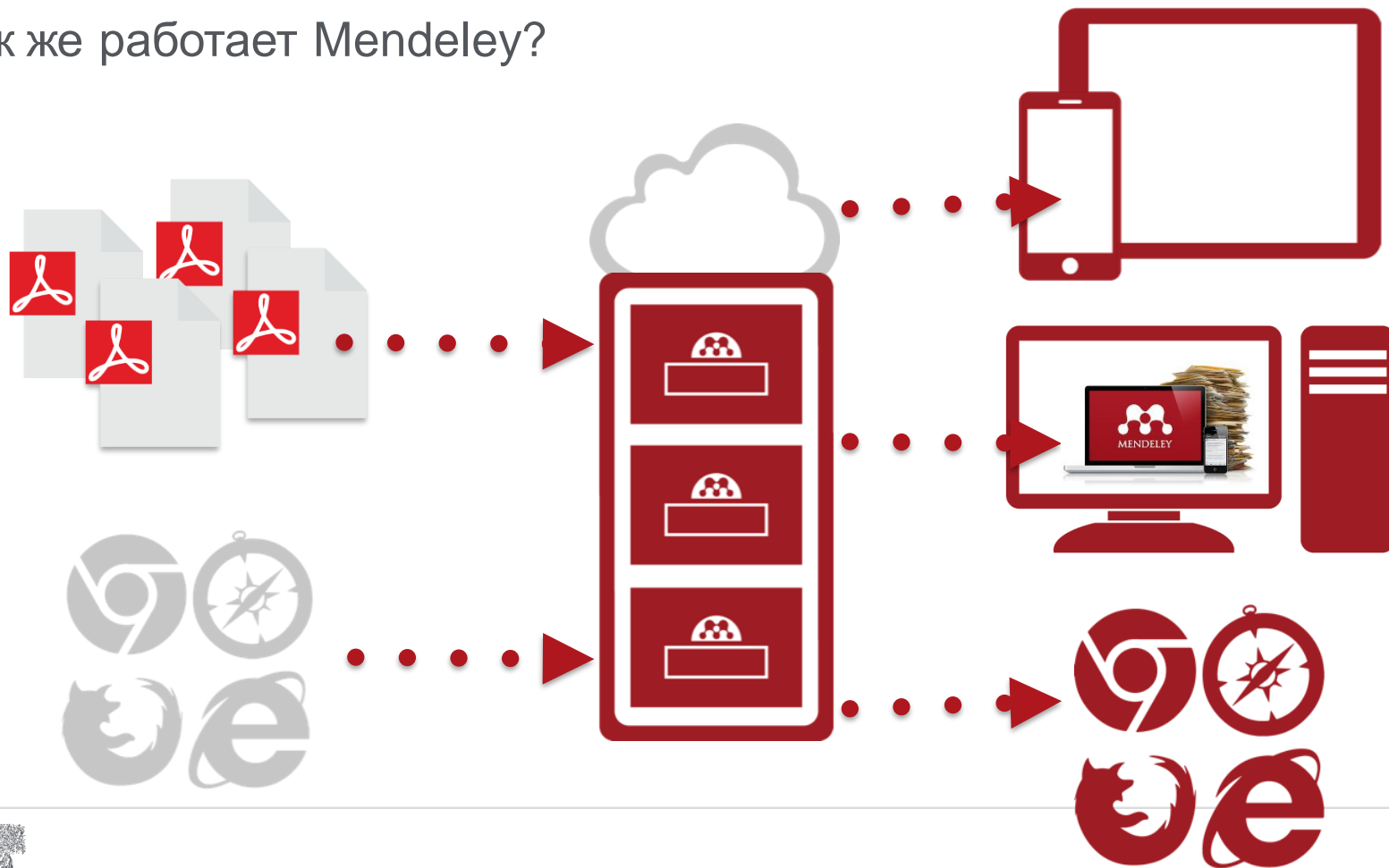


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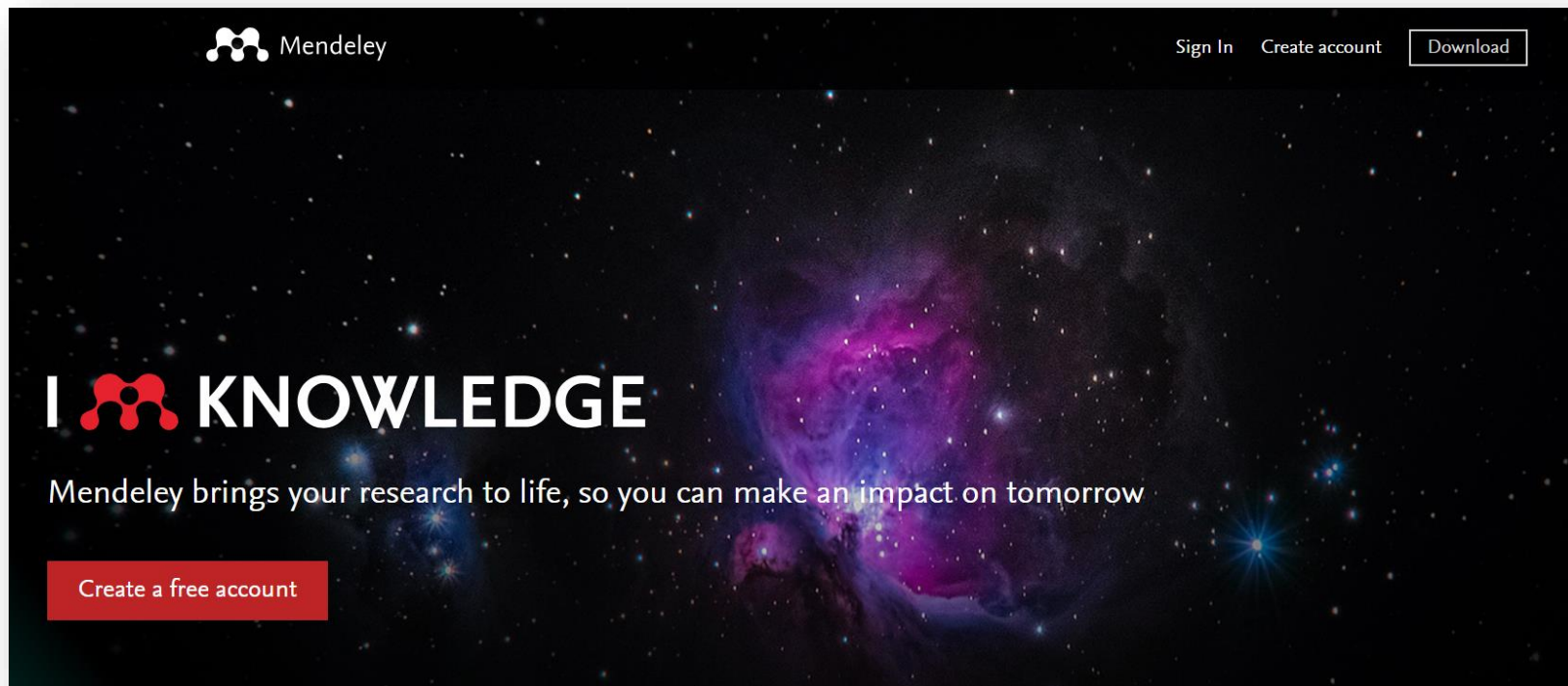


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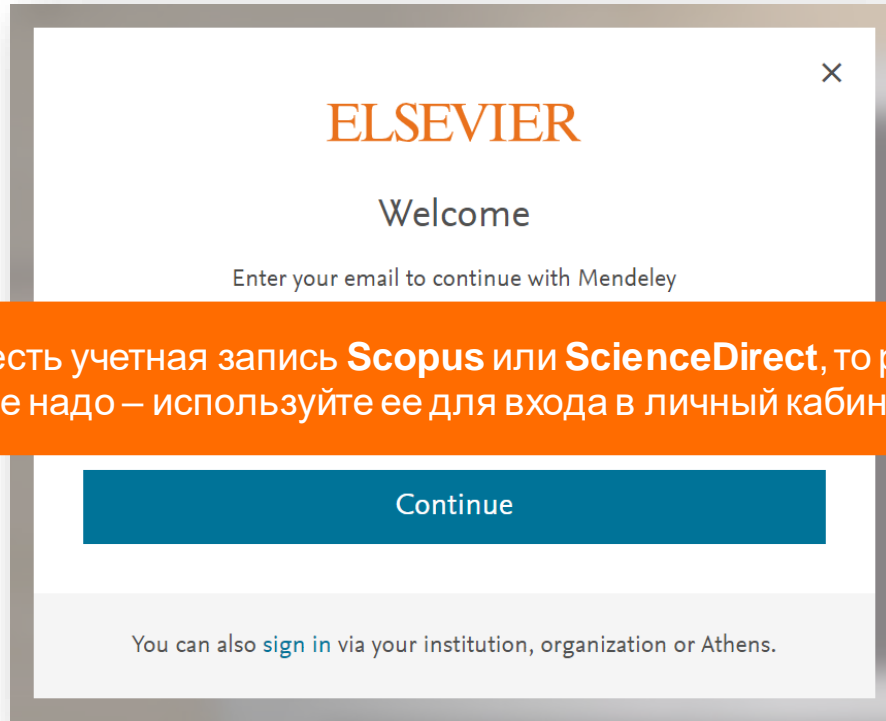
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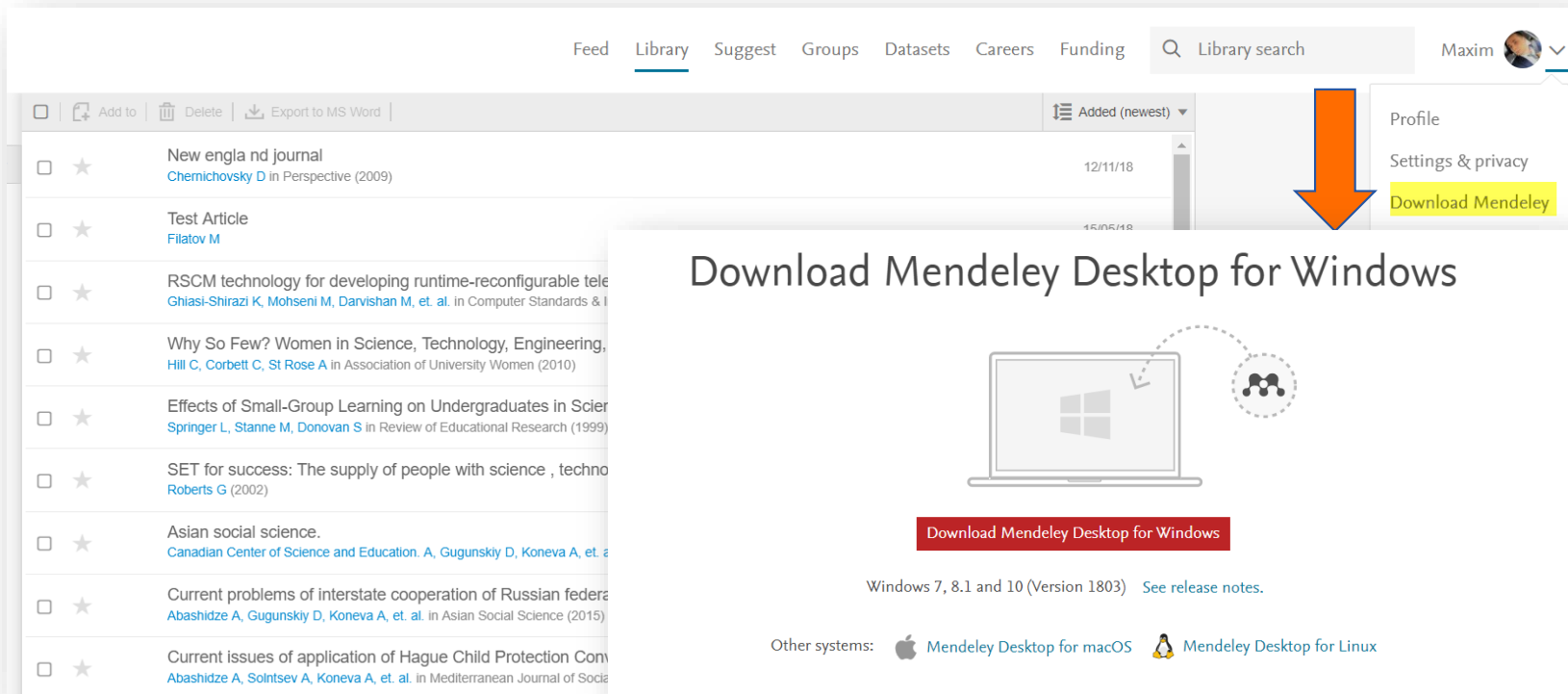
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Работа с библиотекой


The screenshot displays the Elsevier user interface. At the top, a navigation bar contains the following items: [Feed](#), [Library](#) (highlighted with an orange arrow), [Suggest](#), [Groups](#), [Datasets](#), [Careers](#), [Funding](#), [Search](#), a notification bell, and a user profile for 'Maxim'. Below the navigation bar, there is a section for sharing updates with followers, featuring a profile picture, the text 'Share updates and links with your followers', and a 'Post' button. The left sidebar is titled 'FILTER BY' and includes sections for 'All posts', 'Citation updates', 'Article suggestions', 'Recently published articles', 'GROUPS', and 'Maxim closed Group'. The main content area features a 'Download' banner with the text 'Access your library on tablet and smartphone' and a 'Get Reference' button. Below the banner is a 'MY LIBRARY' section with a '+ Add' button and a list of folders: 'All Documents', 'Favorites', 'My Publications', 'Recently Read', and 'Recently Added'. The 'FOLDERS' section includes 'Create Folder...' and 'Maxim'. The right side of the interface shows a list of articles in the library, with columns for checkboxes, star icons, article titles, authors, and dates. The articles listed are:

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The image shows a screenshot of the Mendeley Desktop application interface. The top navigation bar includes 'Feed', 'Library', 'Suggest', 'Groups', 'Datasets', 'Careers', and 'Funding'. A search bar labeled 'Library search' is on the right, with the user name 'Maxim' and a profile icon. Below the navigation bar, there are action buttons: 'Add to', 'Delete', and 'Export to MS Word'. The main area displays a list of articles with columns for checkboxes, stars, article titles, authors, and dates. An orange arrow points from the 'Download Mendeley' button in the user profile dropdown to a modal window titled 'Download Mendeley Desktop for Windows'. The modal contains an illustration of a laptop with a Windows logo and a Mendeley icon, a red 'Download Mendeley Desktop for Windows' button, and text indicating compatibility with Windows 7, 8.1, and 10 (Version 1803). It also provides links for 'See release notes' and 'Other systems' for macOS and Linux.


Feed Library Suggest Groups Datasets Careers Funding Maxim 

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Details Notes Contents

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Impact of the "Symmetric Instability of the Computational Kind" at mesoscale- and submesoscale-permitting r...

Authors: N. Ducouso, J. Le Sommer, J. Molines et al.

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Journal: *Ocean Modelling*

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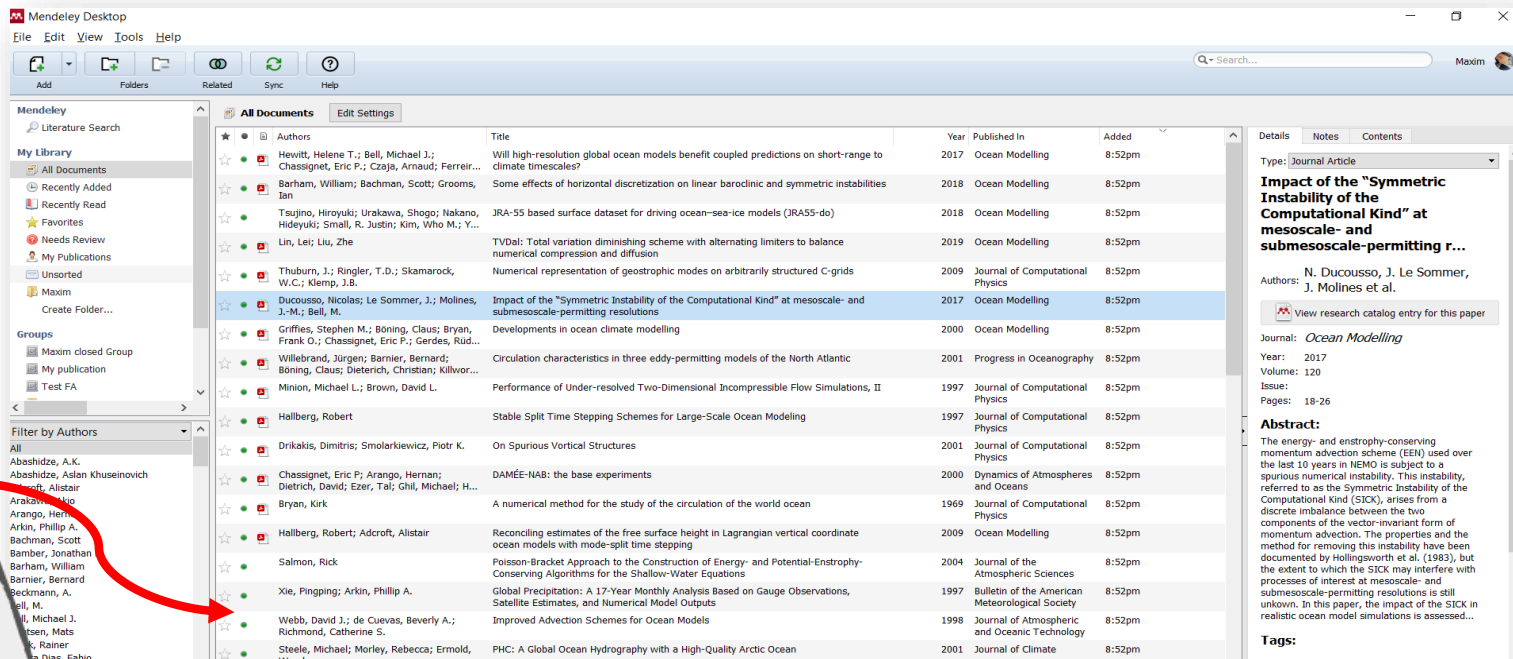
Abstract:

The energy- and enstrophy-conserving momentum advection scheme (EEN) used over the last 10 years in NEMO is subject to a spurious numerical instability. This instability, referred to as the Symmetric Instability of the Computational Kind (SICK), arises from a discrete imbalance between the two components of the vector-invariant form of momentum advection. The properties and the method for removing this instability have been documented by Hollingsworth et al. (1983), but the extent to which the SICK may interfere with processes of interest at mesoscale- and submesoscale-permitting resolutions is still unknown. In this paper, the impact of the SICK in realistic ocean model simulations is assessed...

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Salmon, Rick	Poisson-Bracket Approach to the Construction of Energy- and Potential-Enstrophy-Conserving Algorithms for the Shallow-Water Equations	2004	Journal of the Atmospheric Sciences	8:52pm
Xie, Pingping; Arkin, Phillip A.	Global Precipitation: A 17-Year Monthly Analysis Based on Gauge Observations, Satellite Estimates, and Numerical Model Outputs	1997	Bulletin of the American Meteorological Society	8:52pm
Webb, David J.; de Cuevas, Beverly A.; Richmond, Catherine S.	Improved Advection Schemes for Ocean Models	1998	Journal of Atmospheric and Oceanic Technology	8:52pm
Steele, Michael; Morley, Rebecca; Ermold, Wendy	PHC: A Global Ocean Hydrography with a High-Quality Arctic Ocean	2001	Journal of Climate	8:52pm

Details Notes Contents

Type: Journal Article

Impact of the "Symmetric Instability of the Computational Kind" at mesoscale- and submesoscale-permitting r...

Authors: N. Ducouso, J. Le Sommer, J. Molines et al.

View research catalog entry for this paper

Journal: *Ocean Modelling*

Year: 2017

Volume: 120

Issue:

Pages: 18-26

Abstract:

The energy- and enstrophy-conserving momentum advection scheme (EEN) used over the last 10 years in MEMO is subject to a spurious numerical instability. This instability, referred to as the Symmetric Instability of the Computational Kind (SICK), arises from a discrete imbalance between the two components of the vector-invariant form of momentum advection. The properties and the method for removing this instability have been documented by Hollingsworth et al. (1983), but the extent to which the SICK may interfere with processes of interest at mesoscale- and submesoscale-permitting resolutions is still unknown. In this paper, the impact of the SICK in realistic ocean model simulations is assessed...

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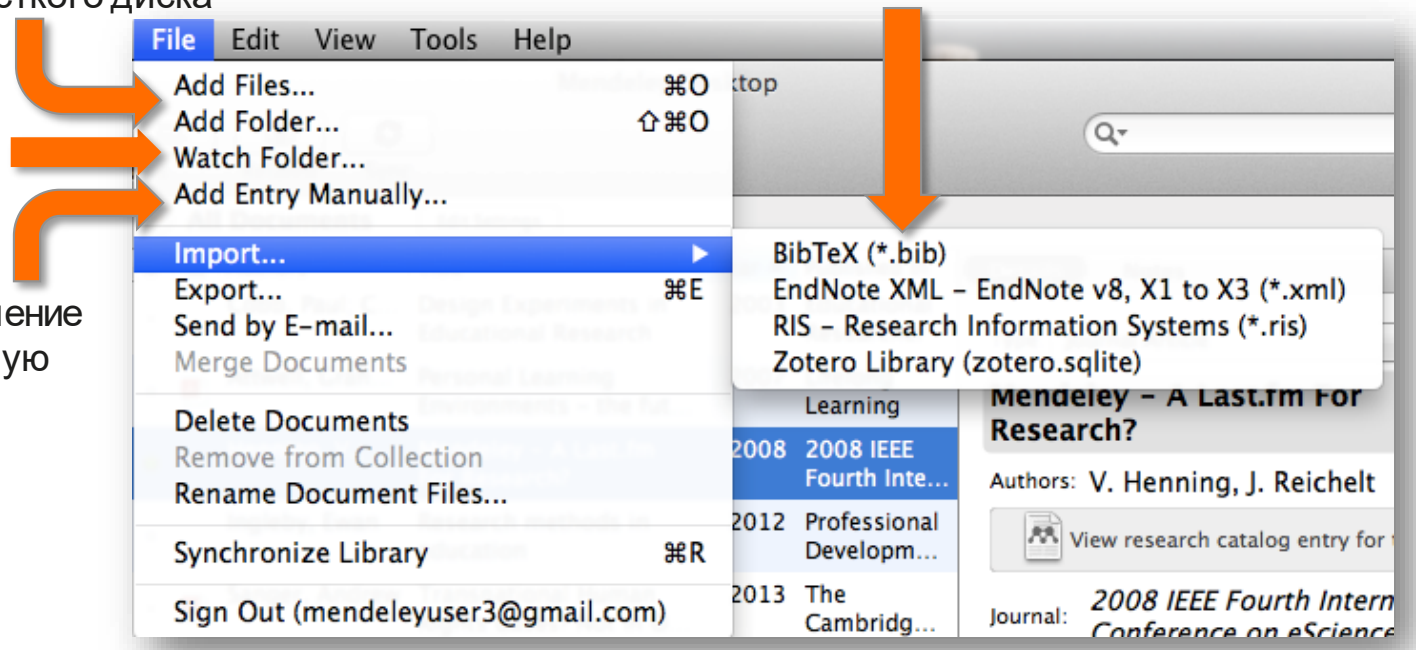
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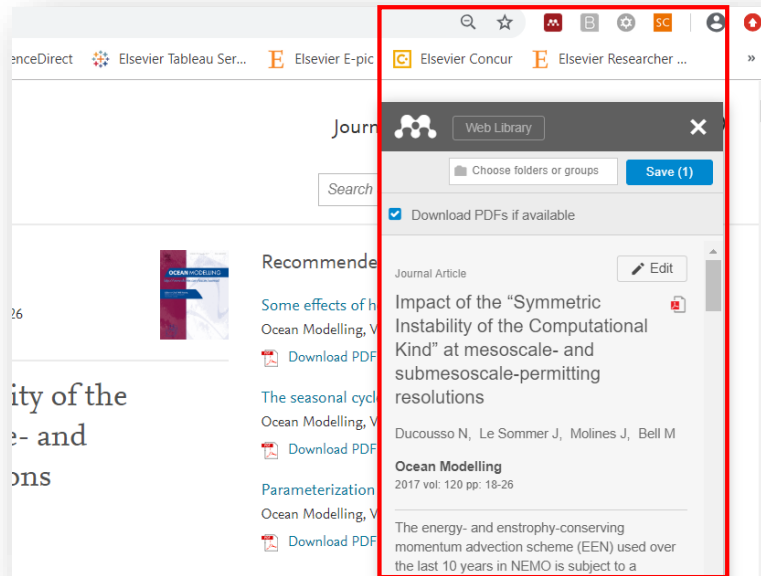
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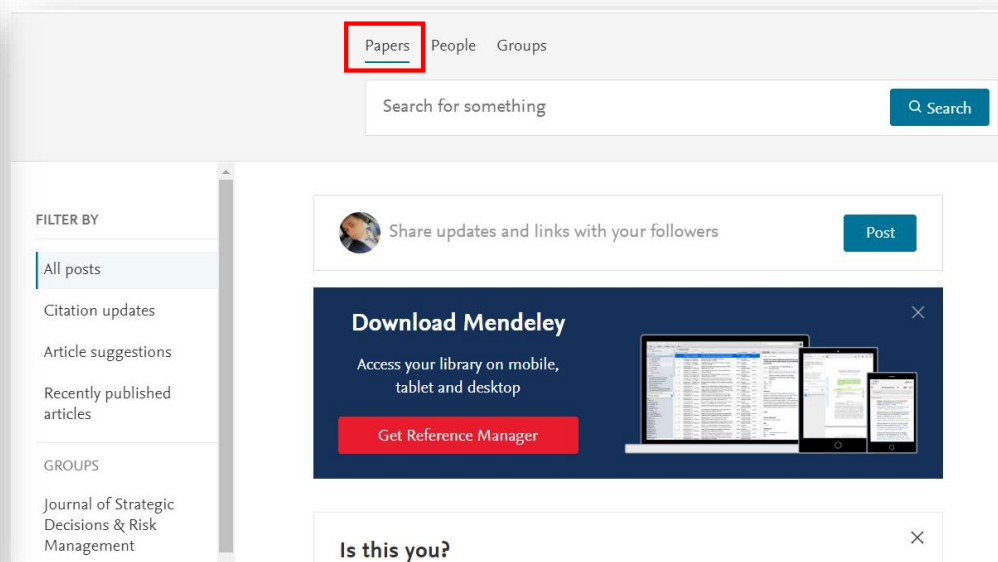


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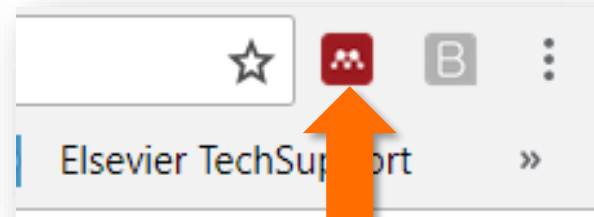
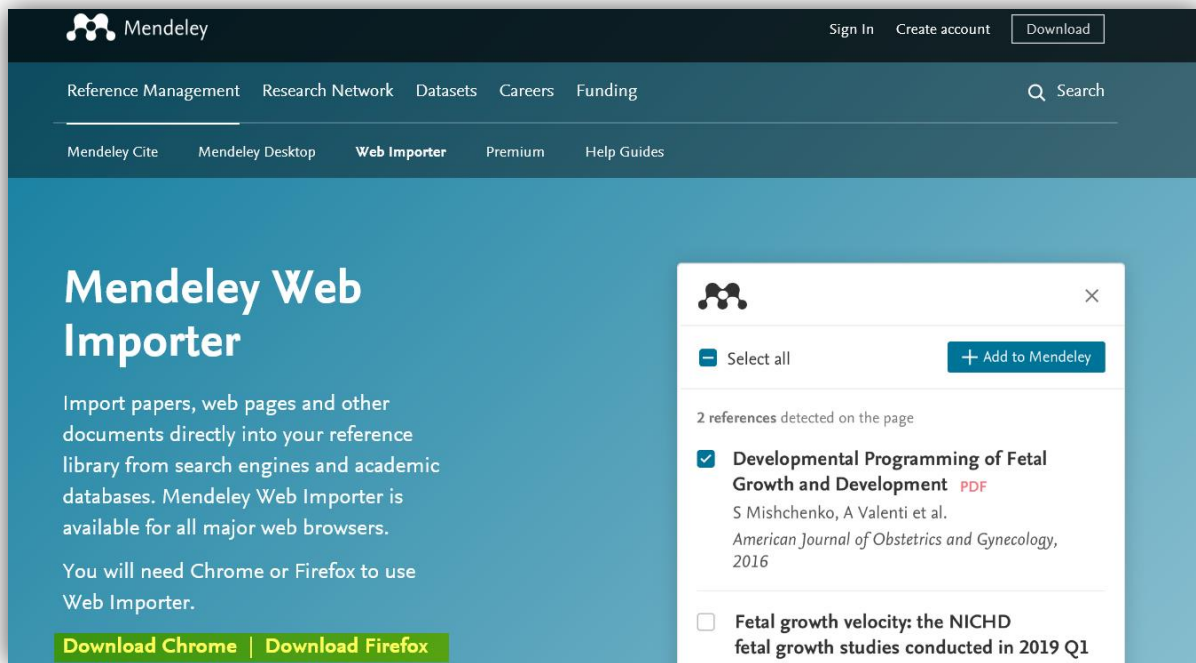


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How momentum advection schemes influence current-topography interactions at eddy permitting resolution

Ocean Modelling, Volume 29, Issue 1, 2009, Pages 1-14

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Impact of the "Symmetric Instability of the Computational Kind" at mesoscale- and submesoscale-permitting reso

Ocean Modelling, Volume 120, December 2017, Pages 18-26

Nicolas Ducouso, J. Le Sommer, J.-M. Molines, M. Bell

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Ducouso N, Le Sommer J, Molines J, et al. Ocean Modelling, 2017 Details

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Пример использования Web Importer в Scopus (статья)

The screenshot shows a Scopus article page for "Review of particle physics". A "Web Importer" window is overlaid on the right side of the page. The window contains a list of search results with checkboxes for selection. An orange arrow points to the Web Importer window, and another orange arrow points to the "View Library" button in the window.

Document details

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics Open Access
Volume 592, Issue 1-4, 15 July 2004, Pages 1-5

Review of particle **physics** (Review)

Eidelman, S.¹, Hayes, K.G.², Olive, K.A.³, Aguilar-Benitez, M.⁴, Amsler, C.⁵, Asner, D.¹, Babu, K.S.⁶, Barnett, R.M.¹, Beringer, J.¹, Burchat, P.R.¹, Carone, C.D.¹, Caso, C.⁷, Conforto, G.^{1,m}, Dahl, O.⁸, D'Ambrosio, G.⁹, Doser, M.², Feng, J.L.P.¹⁰, Gherghetta, T.⁵, Gibbons, L.⁵, Goodman, M.⁷, Grab, C.⁷, Groom, D.E.⁷, Gurtu, A.², Hagiwara, K.¹¹, Hernández-Rey, J.J.¹², Hikasa, K.¹³, Honscheid, K.¹⁴, Jawahery, H.J.¹⁵, Kolda, C.¹⁶, Kwon, Y.¹⁷, Mangano, M.L.¹⁸, Manohar, A.V.¹⁹, March-Russell, J.²⁰, Masoni, A.²¹, Miquel, R.²², Mönig, K.²³, Murayama, H.²⁴, Nakamura, K.²⁵

¹Budker Institute of Nuclear Physics, RU-630090, Novosibirsk, Russian Federation
²Department of Physics, Hillsdale College, Hillsdale, MI 49242, United States
³School of Physics and Astronomy, University of Minnesota, Minneapolis, MN 55455, United States

View additional affiliations

Abstract

This biennial Review summarizes much of Particle **Physics**. Using data from previous editions, plus 1726 new measurements from 512 papers, we list, evaluate, and average measured properties of gauge bosons, leptons, quarks, mesons, and baryons. We also summarize searches for hypothetical particles such as Higgs bosons, heavy neutrinos, and supersymmetric particles. All the particle properties and search limits are listed in Summary Tables. We also give numerous tables, figures, formulae, and reviews of topics such as the Standard Model, particle detectors, probability, and statistics. Among the 119 reviews are many that are new or heavily revised including those on neutrino mixing, CP violation in K, D, and B mesons, V_{cb} , the new exotic $\Theta(1540)$ particle, extra-dimensions, grand unified theories, cosmic background radiation, dark matter, cosmological parameters, and big bang cosmology. A booklet is available containing the Summary Tables and abbreviated versions of some of the other sections of this full Review. All tables, listings, and reviews (and errata) are also available on the Particle Data Group website: <http://pdg.lbl.gov>. ©2004 Regents of the University of California.

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Physics Letters B, 289, 3-4, 9 1992
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★	📄	📄	Authors	Title	Year	Published In	Added
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☆	📄	📄	Barham, William; Bachman, Scott; Grooms, Ian	Some effects of horizontal discretization on linear baroclinic and symmetric instabilities	2018	Ocean Modelling	8:52pm
☆	📄	📄	Tsujino, Hiroyuki; Urakawa, Shogo; Nakano, Hideyuki; S...	JRA-55 based surface dataset for driving ocean-sea-ice models (JRA55-do)	2018	Ocean Modelling	8:52pm
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☆	📄	📄	Thuburn, J.; Ringler, T.D.; Skamarock, W.C.; Klemp, J.B.	Numerical representation of geostrophic modes on arbitrarily structured C-grids	2009	Journal of Computation...	8:52pm
☆	📄	📄	Ducoussou, Nicolas; Le Sommer, J.; Molines, J.-M.;...	Impact of the "Symmetric Instability of the Computational Kind" at mesoscale- and submesoscale-permitting resolutions	2017	Ocean Modelling	8:52pm
☆	📄	📄	Griffies, Stephen M.; Böning, Claus; Bryan, Frank O.; Cha...	Developments in ocean climate modelling	2000	Ocean Modelling	8:52pm
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Type: Journal Article

Some effects of horizontal discretization on linear baroclinic and symmetric instabilities

Authors: W. Barham, S. Bachman, I. Grooms

[View research catalog entry for this paper](#)

Journal: *Ocean Modelling*

Year: 2018

Volume: 125

Issue:

Pages: 106-116

Abstract:

The effects of horizontal discretization on linear baroclinic and symmetric instabilities are investigated by analyzing the behavior of the hydrostatic Eady problem in ocean models on the B and C grids. On the C grid a spurious baroclinic instability appears at small wavelengths. This instability does not disappear as the grid scale decreases; instead, it simply moves to smaller horizontal scales. The peak growth rate of the spurious instability is independent of the grid scale as the latter decreases. It is equal to c_f/Ri where Ri is the balanced Richardson number, f is the Coriolis parameter, and c is a nondimensional constant that depends on the Richardson number. As the Richardson number increases c increases towards an upper bound of approximately 1/2; for large Richardson numbers the spurious instability is faster than the Eady instability. To suppress the spurious instability it is recommended to use fourth-order centered tracer advection along with biharmonic viscosity and diffusion with coefficients $(\Delta x)^4 f / (32 Ri)$ or larger where Δx is the grid scale. On the B grid, the growth rates of baroclinic and symmetric instabilities are too small, and converge upwards towards the correct values as the grid scale decreases; no spurious instabilities are observed. In B grid models at eddy-permitting resolution, the reduced growth rate of baroclinic instability may contribute to partially-resolved eddies being too weak. On the C grid the growth rate of symmetric instability is better (larger) than on the...

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Type: Journal Article

Cooperativity in protein folding: from lattice models with sidechains to real proteins.

Authors: D. Klimov, D. Thirumalai

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Authors: D. Klimov, D. Thirumalai

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Journal: *Folding & design*

Year: 1998

Volume: 3

Issue: 2

Pages: 127-39

Abstract:

Over the past few years novel folding mechanisms of globular proteins have been proposed using minimal lattice and off-lattice models. The factors determining the cooperativity of folding in these models and especially their explicit relation to experiments have not been fully established, however.

Tags:

Keywords:

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Type: Journal Article

Will high-resolution global ocean models benefit coupled predictions on short-range to climate timescales?

Authors: H. Hewitt, M. Bell, E. Chassignet et al.

Journal: *Ocean Modelling*

Year: 2017

Volume: 120

Issue:

Pages: 120-136

Abstract:

As the importance of the ocean in the weather and climate system is increasingly recognised, operational systems are now moving towards coupled prediction not only for seasonal to climate timescales but also for short-range forecasts. A three-way tension exists between the allocation of computing resources to refine model resolution, the expansion of model complexity/capability, and the increase of ensemble size. Here we review evidence for the benefits of increased ocean resolution in global coupled models, where the ocean component explicitly represents transient mesoscale eddies and narrow boundary currents. We consider lessons learned from forced ocean/sea-ice simulations; from studies concerning the SST resolution required to impact atmospheric simulations; and from coupled predictions. Impacts of the mesoscale ocean in western boundary current regions on the large-scale atmospheric state have been identified. Understanding of air-sea feedback in western boundary currents is modifying our view of the dynamics in these key regions. It remains unclear whether variability associated with open ocean mesoscale eddies is equally important to the large-scale atmospheric state. We include a discussion of what processes can presently be parameterised in coupled models with coarse resolution non-eddying ocean models, and where parameterizations may fall short. We discuss the benefits of resolution and identify gaps in the current literature that leave important quest...

Tags:

Author Keywords:

Date Accessed:
2019-03-05

Review

Will high-resolution global ocean models benefit coupled predictions on short-range to climate timescales?

Helene T. Hewitt^{a,*}, Michael J. Bell^a, Eric P. Chassignet^b, Arnaud Czaja^c, David Ferreira^d, Stephen M. Griffies^e, Pat Hyder^a, Julie L. McClean^f, Adrian L. New^g, Malcolm J. Roberts^a

^a Met Office, Fitzroy Road, Exeter, UK
^b Center for Ocean-Atmospheric Prediction Studies (COAPS), Florida State University, Tallahassee, FL, USA
^c Imperial College London, Department of Physics, Space & Atmospheric Physics Group, London, UK
^d Department of Meteorology, University of Reading, Reading, UK
^e NOAA/Geophysical Fluid Dynamics Laboratory, Princeton, USA
^f Scripps Institute of Oceanography, University of California, San Diego, La Jolla, California, USA
^g National Oceanography Centre, Southampton, UK

ARTICLE INFO

ABSTRACT

As the importance of the ocean in the weather and climate system is increasingly recognised, operational systems are now moving towards coupled prediction not only for seasonal to climate timescales but also for short-range forecasts. A three-way tension exists between the allocation of computing resources to refine model resolution,

Maxim Filatov Just now

I guess it is interesting article!

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Поиск документов в библиотеке Mendeley

The screenshot shows the Mendeley Desktop application interface. At the top, there is a menu bar with 'File', 'Edit', 'View', 'Tools', and 'Help'. Below the menu bar is a toolbar with icons for 'Add', 'Folders', 'Related', 'Sync', and 'Help'. A search bar in the top right corner contains the text 'predic' and is highlighted with a red box. The main window displays a search results page for 'predic' in 'All Documents'. The results are listed in a table with columns for 'Search Results', 'Details', 'Notes', and 'Contents'. The first three results are highlighted with a red box:

- Will high-resolution global ocean models benefit coupled predictions on short-range to climate timescales?**
Helene T. Hewitt; MJ Bell; EP Chassignet... - 2017 - Ocean Modelling
Abstract: ...atmospheric simulations; and from coupled predictions. Impacts of the mesoscale ocean ...
...models bene fit coupled predictions on short-range to climate timescales? Helene ...
- CHANNEL WAVES AS A TOOL OF APPLIED GEOPHYSICS IN COAL MINING**
Theodore C. Krey - 1963 - GEOPHYSICS
Abstract: ...It is practically impossible to predict such faults from geophysical surveys on the ...
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Stephen M. Griffies; C Böning; FO Bry... - 2000 - Ocean Modelling
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Showing documents tagged "project2" Clear

★	📄	👤	Authors	Title	Year	Published In	Added
★	📄	👤	Hewitt, Helene T.; Bell, Michael J.; Chassignet, Eric ...	Will high-resolution global ocean models benefit coupled predictions on short-range to climate timescales?	2017	Ocean Modelling	8:52pm
★	📄	👤	Willebrand, Jürgen; Barnier, Bernard; Böning, Claus; Die...	Circulation characteristics in three eddy-permitting models of the North Atlantic	2001	Progress in Oceanography	8:52pm
★	📄	👤	Minion, Michael L.; Brown, David L.	Performance of Under-resolved Two-Dimensional Incompressible Flow Simulations, II	1997	Journal of Computation...	8:52pm
★	📄	👤	Le Sommer, Julien; Penduff, Thierry; Theetten, Sébastie...	How momentum advection schemes influence current-topography interactions at eddy permitting resolution	2009	Ocean Modelling	8:51pm

Details Notes Contents

Type: Journal Article

Will high-resolution global ocean models benefit coupled predictions on short-range to climate timescales?

Authors: H. Hewitt, M. Bell, E. Chassignet et al.

[View research catalog entry for this paper](#)

Journal: *Ocean Modelling*

Year: 2017

Volume: 120

Issue:

Pages: 120-136

Abstract:

As the importance of the ocean in the weather and climate system is increasingly recognised, operational systems are now moving towards coupled prediction not only for seasonal to climate timescales but also for short-range forecasts. A three-way tension exists between the allocation of computing resources to refine model resolution, the expansion of model complexity/capability, and the increase of ensemble size. Here we review evidence for the benefits of increased ocean resolution in global coupled models, where the ocean component explicitly represents transient mesoscale eddies and narrow boundary currents. We consider lessons learned from forced ocean/sea-ice simulations; from studies concerning the SST resolution required to impact atmospheric simulations; and from coupled predictions. Impacts of the mesoscale ocean in western boundary current regions on the large-scale atmospheric state have been identified. Understanding of air-sea feedback in western boundary currents is modifying our view of the dynamics in these key regions. It remains unclear whether variability associated with open ocean mesoscale eddies is equally important to the large-scale atmospheric state. We include a discussion of what processes can presently be parameterised in coupled models with coarse resolution non-eddy ocean models, and where parameterizations may fall short. We discuss the benefits of resolution and identify gaps in the current literature that leave important questi...

Tags:

Project2

Возможность переименовать документы согласно заданной схеме

The screenshot displays the Mendeley Desktop interface. The main window shows a list of documents tagged with "project2". A dialog box titled "Rename Document Files" is open, allowing the user to define a file naming scheme. The dialog includes fields for "Unused fields" (currently "Journal"), "File name" (with radio buttons for "Year", "Author", and "Title"), and a separator style dropdown (currently "Hyphen-separated"). An example shows the resulting filename: "2017 - Hewitt et al. - Will high-resolution global ocean models benefit coupled predictions on short-range to climate timescales.pdf".

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Showing documents tagged "project2" Clear

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★	📄	Barham, William; Bachman, Scott; Grooms, Ian	Some effects of horizontal discretization on linear baroclinic and symmetric instabilities	2018	Ocean Modelling	8:52pm
★	📄	Tsujino, Hiroyuki; Urakawa, Shogo; Nakano, Hideyuki; ...	JRA-55 based surface dataset for driving ocean-sea-ice models (JRA55-do)	2018	Ocean Modelling	8:52pm
☆	📄	Lin, Lei; Liu, Zhe	TVDal: Total variation diminishing scheme with alternating	2019	Ocean	8:52pm
☆	📄	Thuburn, J.; Ringler, T.D.; Skamarock, W.C.; Klemm				
☆	📄	Ducousso, Nicolas; Le Sommer, J.; Molines, J.				
☆	📄	Griffies, Stephen M.; Böing, Claus; Bryan, Frank O.;				
☆	📄	Willebrand, Jürgen; Barß, Bernard; Böning, Claus;				
☆	📄	Minion, Michael L.; Brown, David L.				
☆	📄	Hallberg, Robert	Stable Split Time Stepping Schemes for Large-Scale Ocean Modeling	1997	Journal of Computation...	8:52pm
☆	📄	Drikakis, Dimitris; Smolarkiewicz, Piotr K.	On Spurious Vortical Structures	2001	Journal of Computation...	8:52pm
☆	📄	Chassignet, Eric P.; Arango, Hernan; Dietrich, David; Ez...	DAMÉE-NAB: the base experiments	2000	Dynamics of Atmosphere...	8:52pm
☆	📄	Bryan, Kirk	A numerical method for the study of the circulation of the world ocean	1969	Journal of Computation...	8:52pm
☆	📄	Hallberg, Robert; Adcroft, Alistair	Reconciling estimates of the free surface height in Lagrangian vertical coordinate ocean models with mode-split time stepp...	2009	Ocean Modelling	8:52pm
☆	📄	Salmon, Rick	Poisson-Bracket Approach to the Construction of Energy- and	2004	Journal of the	8:52pm

Rename Document Files

Unused fields:

Drag bubbles down to add or up to remove.

File name: Year Author Title

Separator:

Example: 2017 - Hewitt et al. - Will high-resolution global ocean models benefit coupled predictions on short-range to climate timescales.pdf

OK Cancel

Details Notes Contents

Type: Journal Article

Will high-resolution global ocean models benefit coupled predictions on short-range to climate timescales?

Authors: H. Hewitt, M. Bell, E. Chassignet et al.

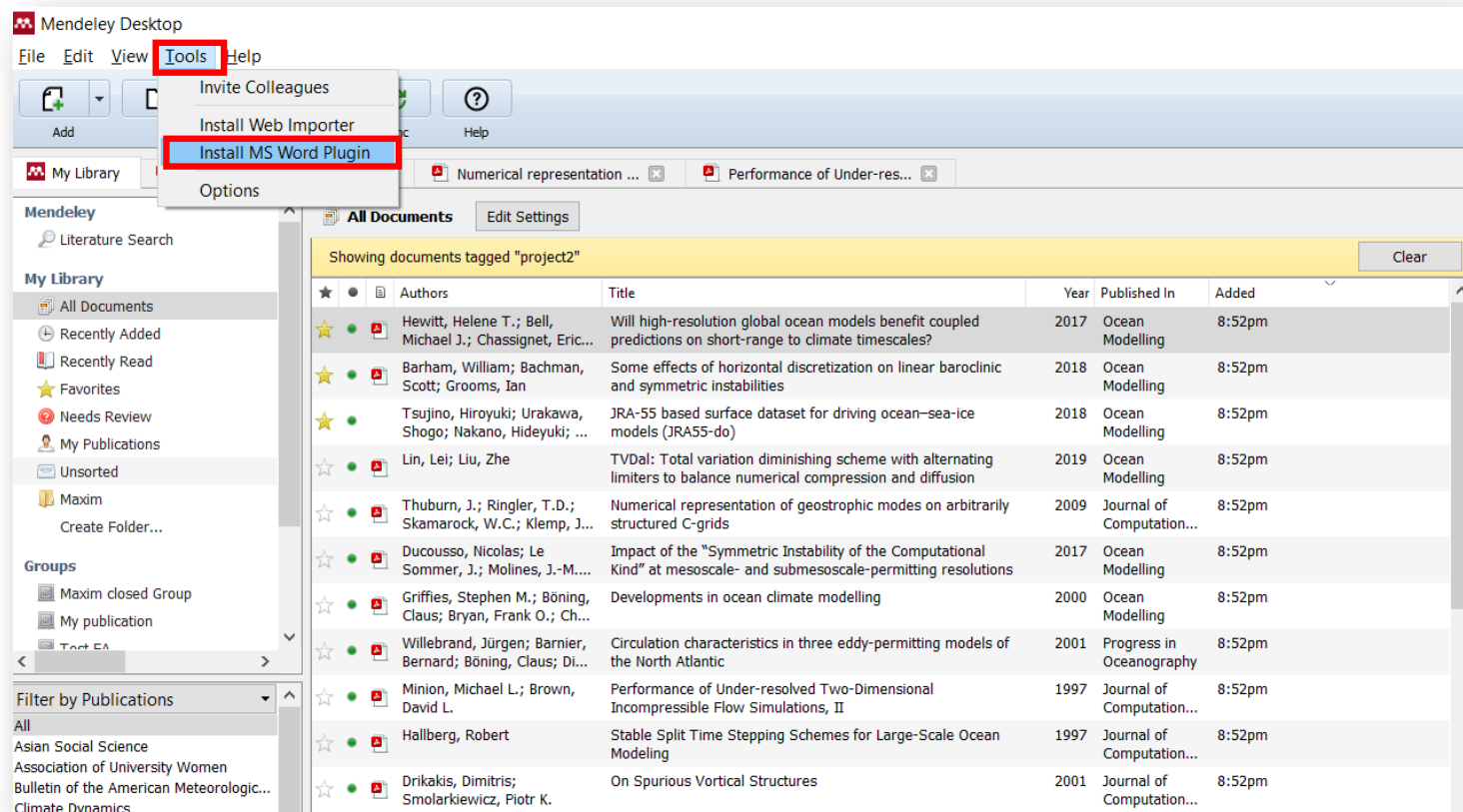
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er and climate system is increasingly recognised, is coupled prediction not only for seasonal to climate. A three-way tension exists between the allocation lution, the expansion of model complexity/capability, review evidence for the benefits of increased ocean resolution in global coupled models, where the ocean component explicitly represents transient mesoscale eddies and narrow boundary currents. We consider lessons learned from forced ocean/sea-ice simulations; from studies concerning the SST resolution required to impact atmospheric simulations; and from coupled predictions. Impacts of the mesoscale ocean in western boundary current regions on the large-scale atmospheric state have been identified. Understanding of air-sea feedback in western boundary currents is modifying our view of the dynamics in these key regions. It remains unclear whether variability associated with open ocean mesoscale eddies is equally important to the large-scale atmospheric state. We include a discussion of what processes can presently be parameterised in coupled models with coarse resolution non-eddy ocean models, and where parameterizations may fall short. We discuss the benefits of resolution and identify gaps in the current literature that leave important questi...

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Работа со ссылками и библиографией

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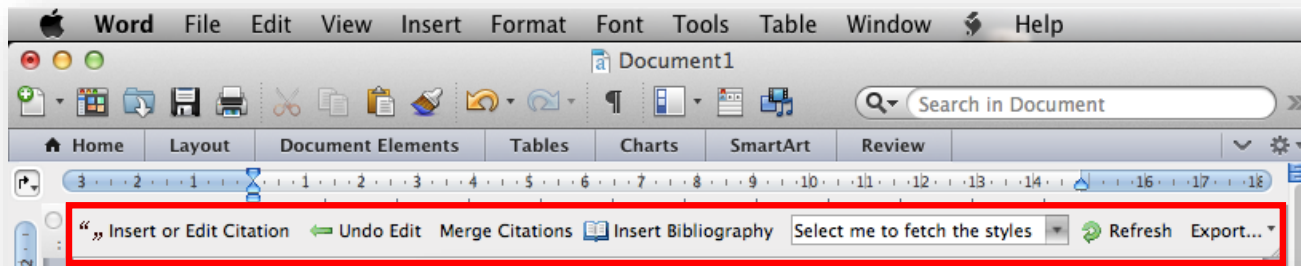


The screenshot shows the Mendeley Desktop application interface. The 'Tools' menu is open, and the 'Install MS Word Plugin' option is highlighted with a red box. The main window displays a list of documents tagged 'project2'.

★	●	📄	Authors	Title	Year	Published In	Added
★	●	📄	Hewitt, Helene T.; Bell, Michael J.; Chassignet, Eric...	Will high-resolution global ocean models benefit coupled predictions on short-range to climate timescales?	2017	Ocean Modelling	8:52pm
★	●	📄	Barham, William; Bachman, Scott; Grooms, Ian	Some effects of horizontal discretization on linear baroclinic and symmetric instabilities	2018	Ocean Modelling	8:52pm
★	●	📄	Tsujino, Hiroyuki; Urakawa, Shogo; Nakano, Hideyuki; ...	JRA-55 based surface dataset for driving ocean-sea-ice models (JRA55-do)	2018	Ocean Modelling	8:52pm
☆	●	📄	Lin, Lei; Liu, Zhe	TVDal: Total variation diminishing scheme with alternating limiters to balance numerical compression and diffusion	2019	Ocean Modelling	8:52pm
☆	●	📄	Thuburn, J.; Ringler, T.D.; Skamarock, W.C.; Klemp, J...	Numerical representation of geostrophic modes on arbitrarily structured C-grids	2009	Journal of Computation...	8:52pm
☆	●	📄	Ducouso, Nicolas; Le Sommer, J.; Molines, J.-M....	Impact of the "Symmetric Instability of the Computational Kind" at mesoscale- and submesoscale-permitting resolutions	2017	Ocean Modelling	8:52pm
☆	●	📄	Griffies, Stephen M.; Böning, Claus; Bryan, Frank O.; Ch...	Developments in ocean climate modelling	2000	Ocean Modelling	8:52pm
☆	●	📄	Willebrand, Jürgen; Barnier, Bernard; Böning, Claus; Di...	Circulation characteristics in three eddy-permitting models of the North Atlantic	2001	Progress in Oceanography	8:52pm
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☆	●	📄	Hallberg, Robert	Stable Split Time Stepping Schemes for Large-Scale Ocean Modeling	1997	Journal of Computation...	8:52pm
☆	●	📄	Drikakis, Dimitris; Smolarkiewicz, Piotr K.	On Spurious Vortical Structures	2001	Journal of Computation...	8:52pm

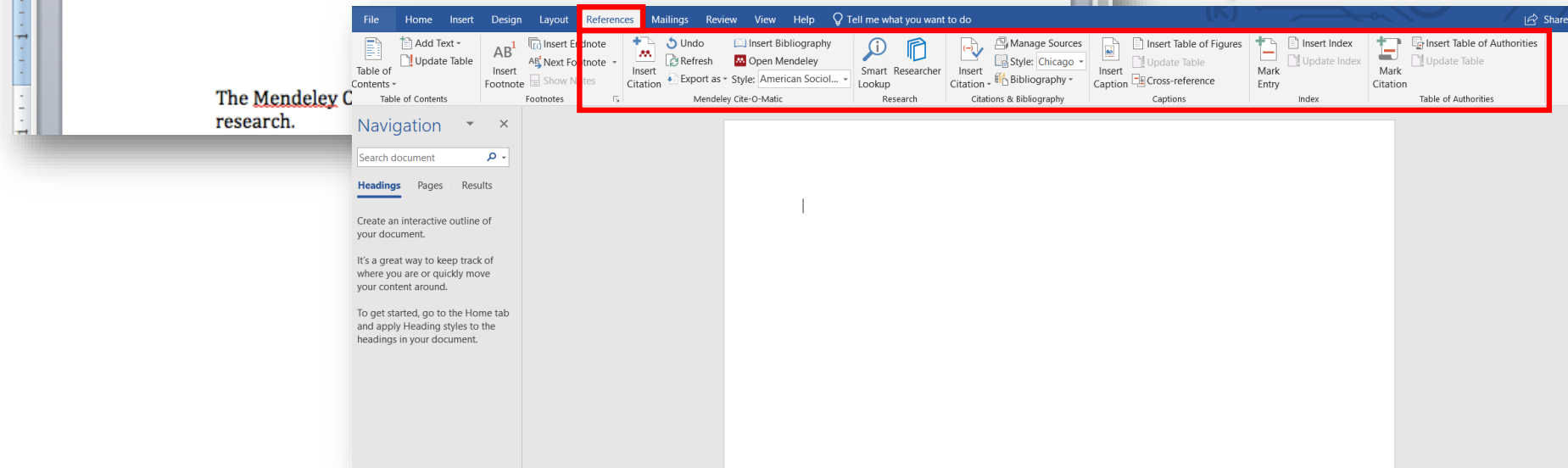


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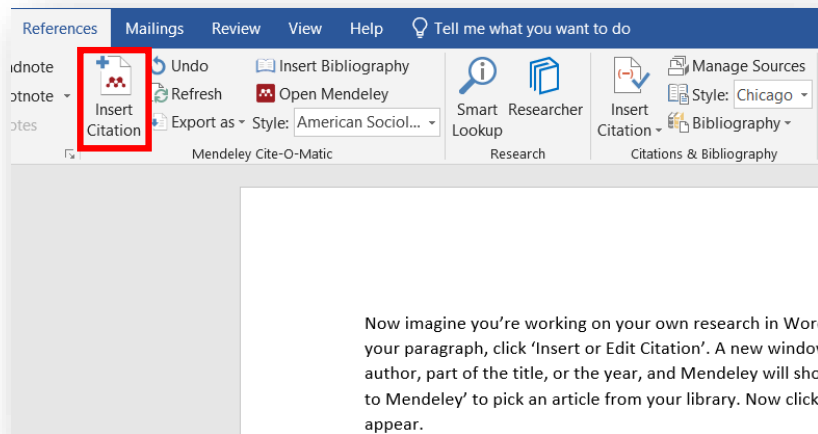


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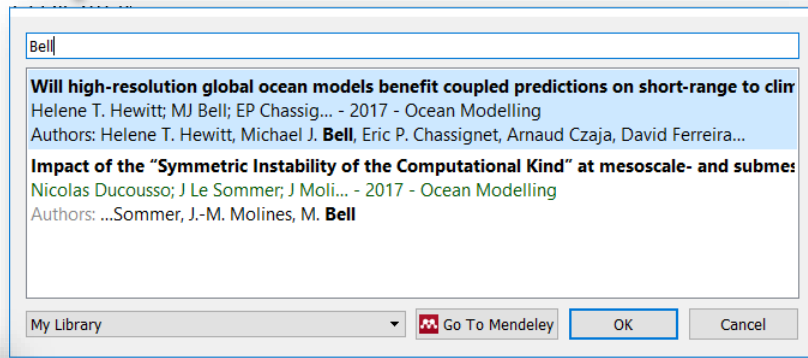
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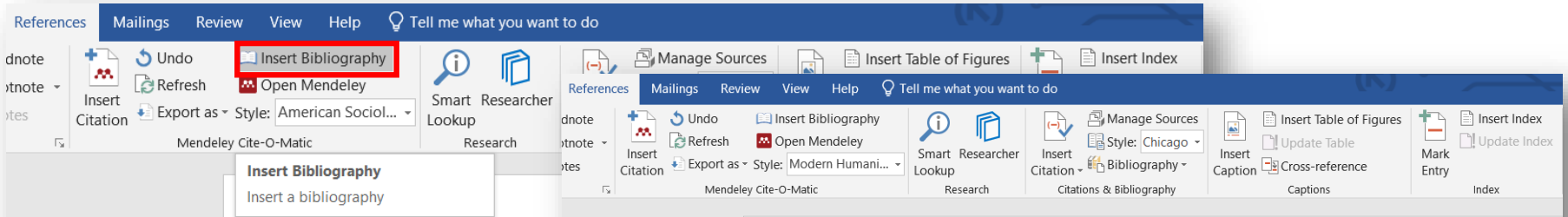
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Abashidze, Aslan Khuseinovich, Denis Andreevich Gugunskiy, Aleksandra Evgen'evna Koneva, Mariya Aleksandrovna Simonova, and Aleksandr Mikhailovich Soltsev, 'Current Problems of Interstate Cooperation of Russian Federation for the Protection of Children in Case of Disputes between Parents Living in Different States', *Asian Social Science*, 2015
<<https://doi.org/10.5539/ass.v11n14p337>>

Hewitt, Helene T., Michael J. Bell, Eric P. Chassignet, Arnaud Czaja, David Ferreira, Stephen M. Griffies, and others, 'Will High-Resolution Global Ocean Models Benefit Coupled Predictions on Short-Range to Climate Timescales?', *Ocean Modelling*, 120 (2017), 120–36
<<https://doi.org/10.1016/j.ocemod.2017.11.002>>

Hill, Catherine, Christianne Corbett, and Andresse St Rose, *Why So Few? Women in Science, Technology, Engineering, and Mathematics*, Association of University Women, 2010
<<https://doi.org/10.1002/sce.21007>>

Выбор стиля для ссылок и библиографии

The image shows the Microsoft Word interface with the References ribbon selected. The ribbon contains various options for managing sources and citations. A dropdown menu for citation styles is open, showing a list of styles. The 'Modern Humanities Research Association 3rd edition (note with bibliography)' style is highlighted. A separate dialog box titled 'Citation Styles' is also open, showing a search for 'GOST' and a list of results, with 'Russian GOST R 7.0.5-2008 (numeric)' selected.

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
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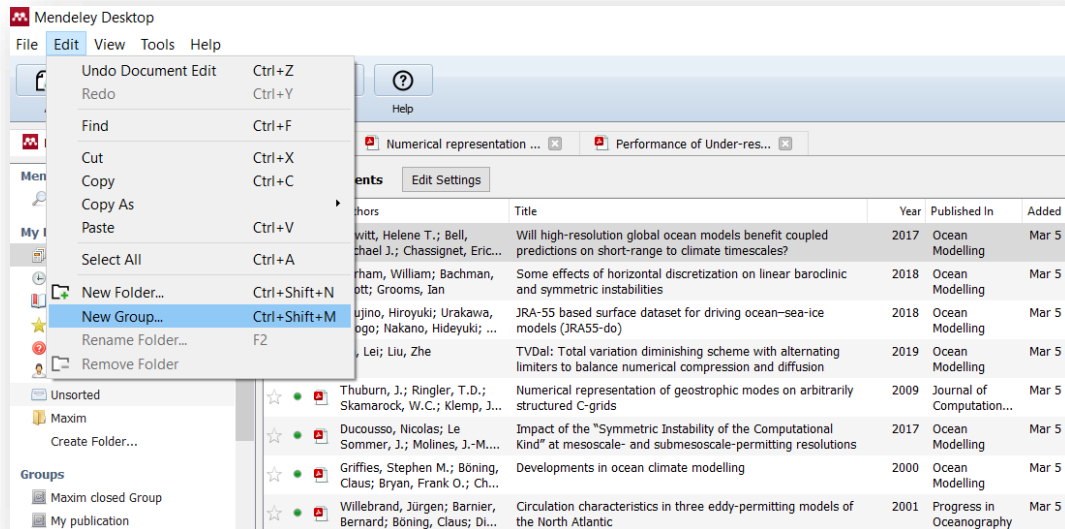
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New Group... Ctrl+Shift+M
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Authors	Title	Year	Published In	Added
witt, Helene T.; Bell, Michael J.; Chassignet, Eric...	Will high-resolution global ocean models benefit coupled predictions on short-range to climate timescales?	2017	Ocean Modelling	Mar 5
tham, William; Bachman, Matt; Grooms, Ian	Some effects of horizontal discretization on linear baroclinic and symmetric instabilities	2018	Ocean Modelling	Mar 5
ujino, Hiroyuki; Urakawa, Togo; Nakano, Hideyuki; ...	JRA-55 based surface dataset for driving ocean-sea-ice models (JRA55-do)	2018	Ocean Modelling	Mar 5
Lei; Liu, Zhe	TVDal: Total variation diminishing scheme with alternating limiters to balance numerical compression and diffusion	2019	Ocean Modelling	Mar 5
Thuburn, J.; Ringler, T.D.; Skamarock, W.C.; Klemp, J...	Numerical representation of geostrophic modes on arbitrarily structured C-grids	2009	Journal of Computation...	Mar 5
Ducousso, Nicolas; Le Sommer, J.; Molines, J.-M...	Impact of the "Symmetric Instability of the Computational Kind" at mesoscale- and submesoscale-permitting resolutions	2017	Ocean Modelling	Mar 5
Griffies, Stephen M.; Böning, Claus; Bryan, Frank O.; Ch...	Developments in ocean climate modelling	2000	Ocean Modelling	Mar 5
Willebrand, Jürgen; Barnier, Bernard; Böning, Claus; Di...	Circulation characteristics in three eddy-permitting models of the North Atlantic	2001	Progress in Oceanography	Mar 5

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 **Invite-only**

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 **Private**

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Отслеживание активности группы

The screenshot shows the Mendeley Desktop application window. The title bar reads "Mendeley Desktop". The interface is divided into several sections:

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- Filter by Authors:** A dropdown menu currently set to "All", with a list of authors below it: "Allen, David", "Anderson, Lisa", and "Antonesc...
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 - A post by "You" (the user) with a profile picture, a quote icon, and the text: "How US libraries are becoming community problem solvers - From Obamacare to getting kids reading, libraries have a bigger part to play in local communities than ever before". The source is cited as "The Guardian" with a link: <http://www.theguardian.com/local-government-network/2014/mar/26/libraries-us-digital-community-problem-solvers>. Interaction options are "Like" and "Comment", dated "3rd April".
 - A post by "Esther Fernandez Ramos" with a profile picture, a quote icon, and the text: "Hello and thanks! I'm a librarian at Universitat de les Illes Balears, Spain." Interaction options are "Comment" and "Like this", dated "2nd April".
 - A post by "Sandrine Royer-Devaux" with a profile picture, a quote icon, and the text: "Hello everyone. I'm a librarian at Institut Pasteur in Paris, France. I'm working with researchers in biomedical sciences. You can visit our website <http://www.pasteur.fr/infosci/biblio>". Interaction options are "Comment" and "Like this", dated "28th March".

Взаимодействуйте с вашими коллегами

The screenshot shows the Mendeley Desktop application window. The main pane displays a document titled "A game for smokers: A preliminary naturalistic trial in a psychiatric hospital" by Yasser Khaazal, Anne Chatton, Roberto Prezzemolo, Aliosca Hoch, Jacques Cornuz, and Daniele Zullino. The document includes an abstract, introduction, and keywords. The sidebar on the right shows a list of notes, with two notes highlighted in yellow. An orange arrow points from the text on the right towards the notes sidebar.

Short communication

A game for smokers: A preliminary naturalistic trial in a psychiatric hospital

Yasser Khaazal^{a,*}, Anne Chatton^a, Roberto Prezzemolo^a, Aliosca Hoch^a, Jacques Cornuz^b, Daniele Zullino^a

^a Division of Substance Abuse, University Hospitals of Geneva, Switzerland
^b Department of Ambulatory Care and Community Medicine, University Hospital, Lausanne, Switzerland
Received 5 June 2007; received in revised form 4 October 2007; accepted 8 October 2007

Abstract

Objective: "Pick-Klop" is a game based on cognitive behavioral therapy. It aims to change smokers' attitudes towards tobacco addiction. This study tests the feasibility and the impact of one brief session of the intervention in a naturalistic setting within a psychiatric hospital.

Method: Fifty-one smokers were recruited during their stay in a psychiatric hospital with a prohibitive smoking policy. They were assessed pre- and post-treatment with visual analogue scales designed to evaluate their intention to stop smoking.

Results: All patients completed the intervention. The outcome shows that the intention to stop smoking becomes significantly stronger after the intervention.

Conclusion: This pilot study supports the feasibility and the effectiveness of the "Pick-Klop" game in a psychiatric hospital setting. The game seems to improve the intention to quit smoking. The data, however, should be confirmed by a controlled trial. Moreover, follow-up studies are needed to examine the potential impact of the game on smoking cessation attempts.

Practical implications: The game seems to be a useful and simple tool for education about smoking in a psychiatric hospital setting.

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Keywords: Smoking; Smoking cessation; Cognitive behavior therapy; Motivational interviewing; Psychiatric hospital; Prohibitive smoking policy

1. Introduction

Smoking is the first avoidable cause of morbidity and mortality [1]. Most smoking cessation attempts are made without any help [2].

Despite the efficacy of nicotine substitutes [3], bupropion [4] and some behavioral approaches [5], these treatments are used only by a minority of smokers [6,7]. This is probably due to the

sufficient to induce behavioral changes [9]. Positive attitudes towards giving up nicotine addiction, however, are linked to a greater willingness to stop smoking [10].

In the transtheoretical model of behavioral change, a re-evaluation of the advantages and disadvantages of nicotine addiction and cessation enable smokers to evolve within the motivational process [11].

The notion of "self-efficacy" [12] corresponds to the trust

Page 1 of 4

Details Notes

05/04/11 5:50 PM
interesting separating parts of the abstract...

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06/04/11 5:46 PM
feasibility of game toward behavior change...

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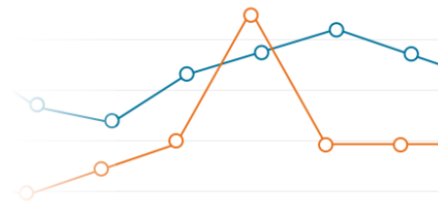
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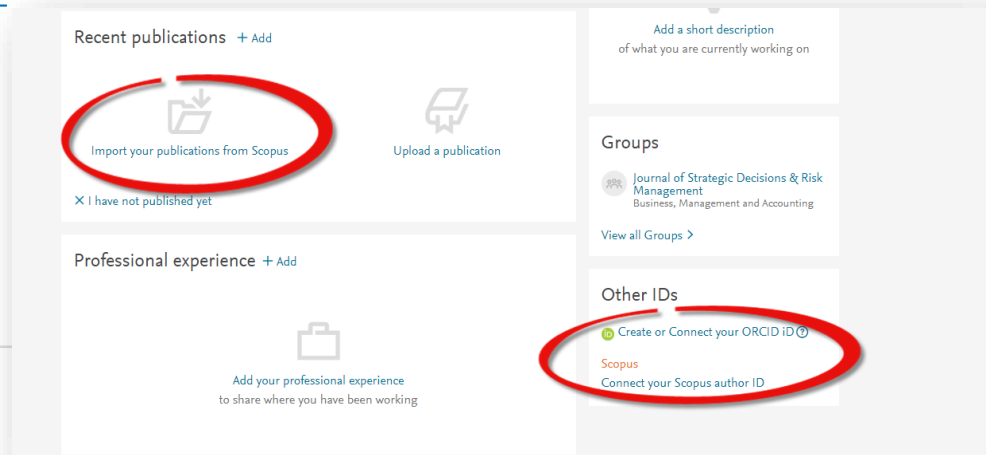
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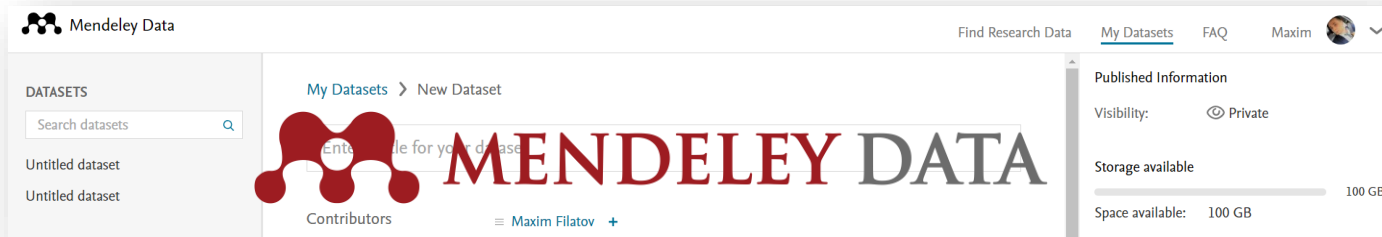
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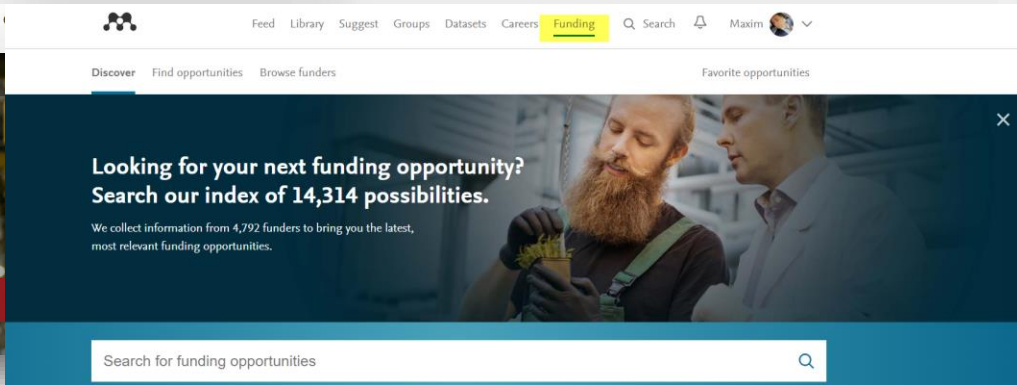
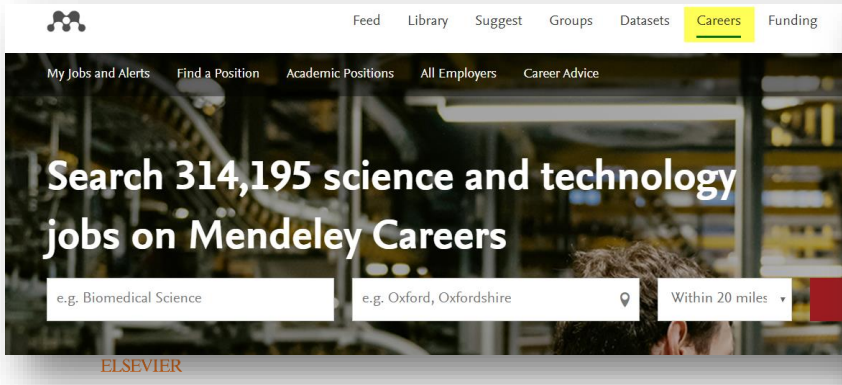
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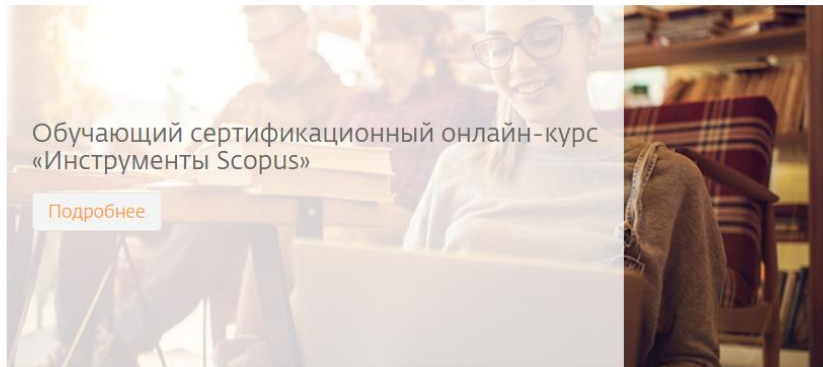
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9.12.19 - Аналитический отчет о публикационной активности университетов – участников Проекта 5-100

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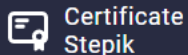
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Филатов Максим Михайлович

Консультант по ключевым информационным решениям Elsevier

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