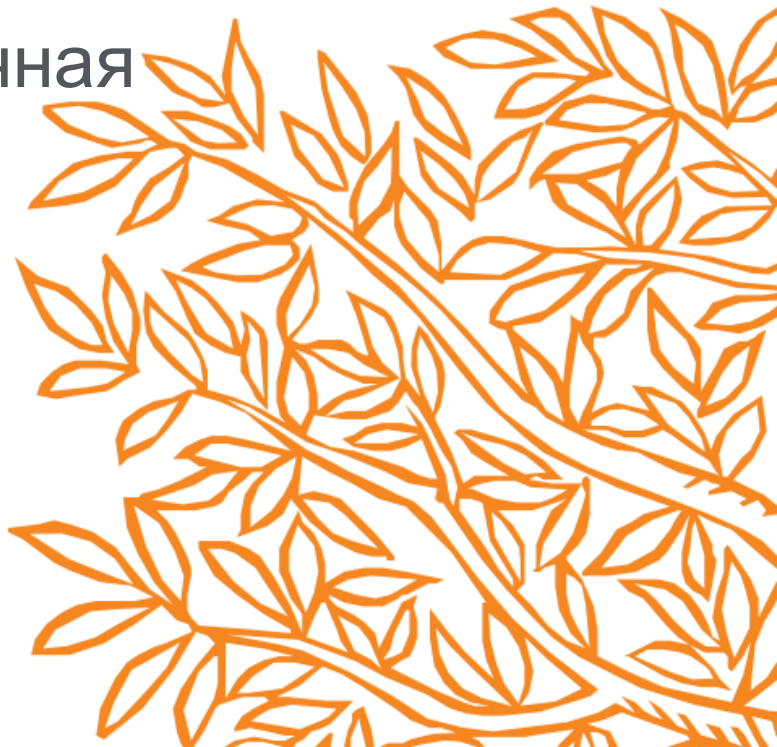




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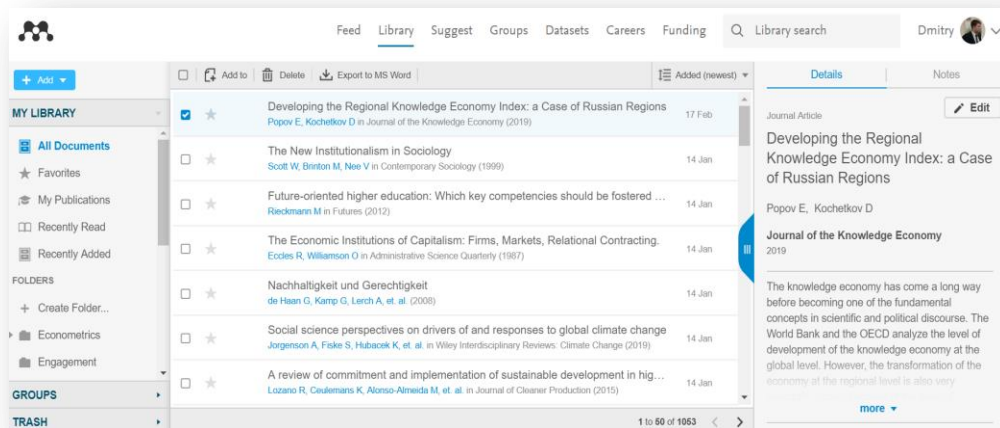


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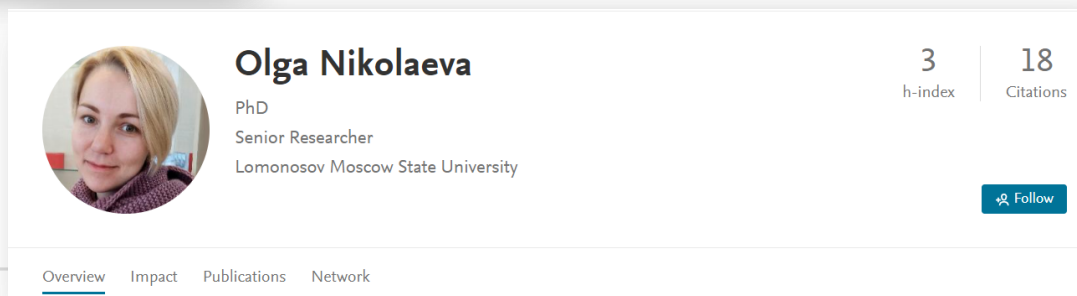


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Ocean Dynamics

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.^b, 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

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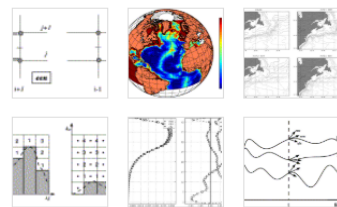
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Ocean Modelling
Volume 29, Issue 1, 2009, Pages 1-14



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

Julien Le Sommer ^a, Thierry Penduff ^a, Sébastien Theetten ^b, Gervan 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 conserving, respectively, **enstrophy** (*ens*), energy (*efx*) and both quantities (*een*) are tested and their impact on the model solution are compared.

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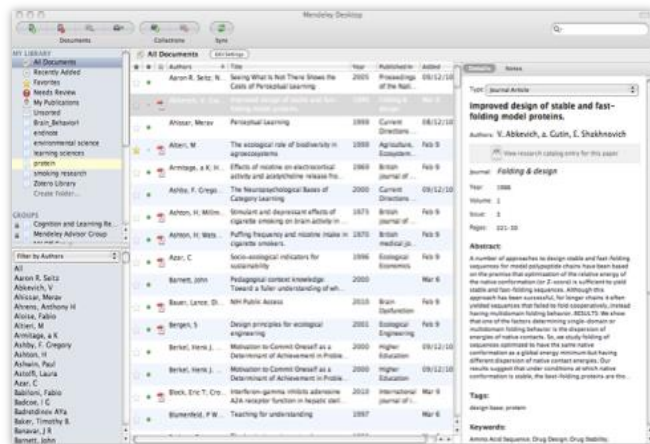
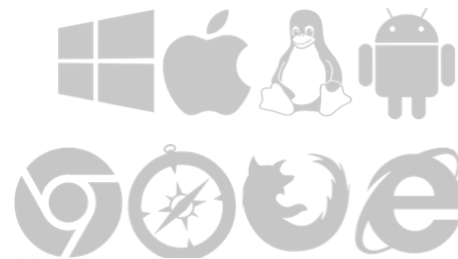
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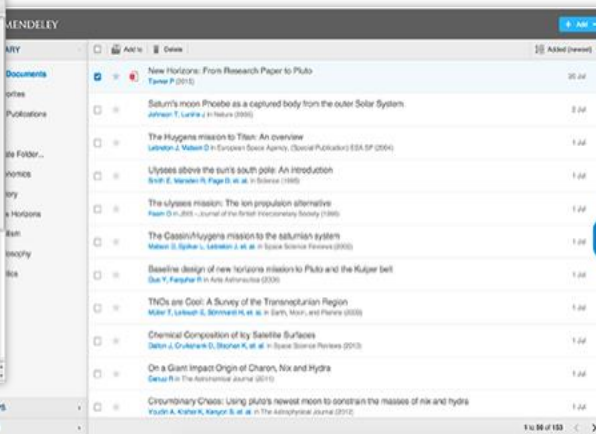
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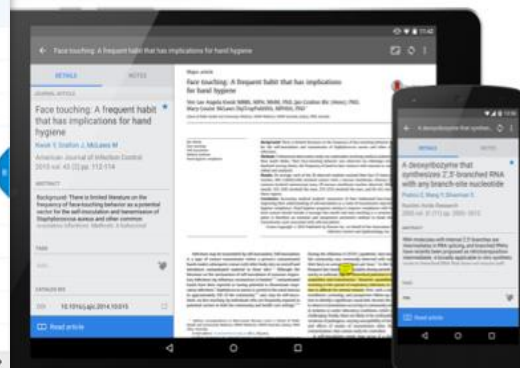
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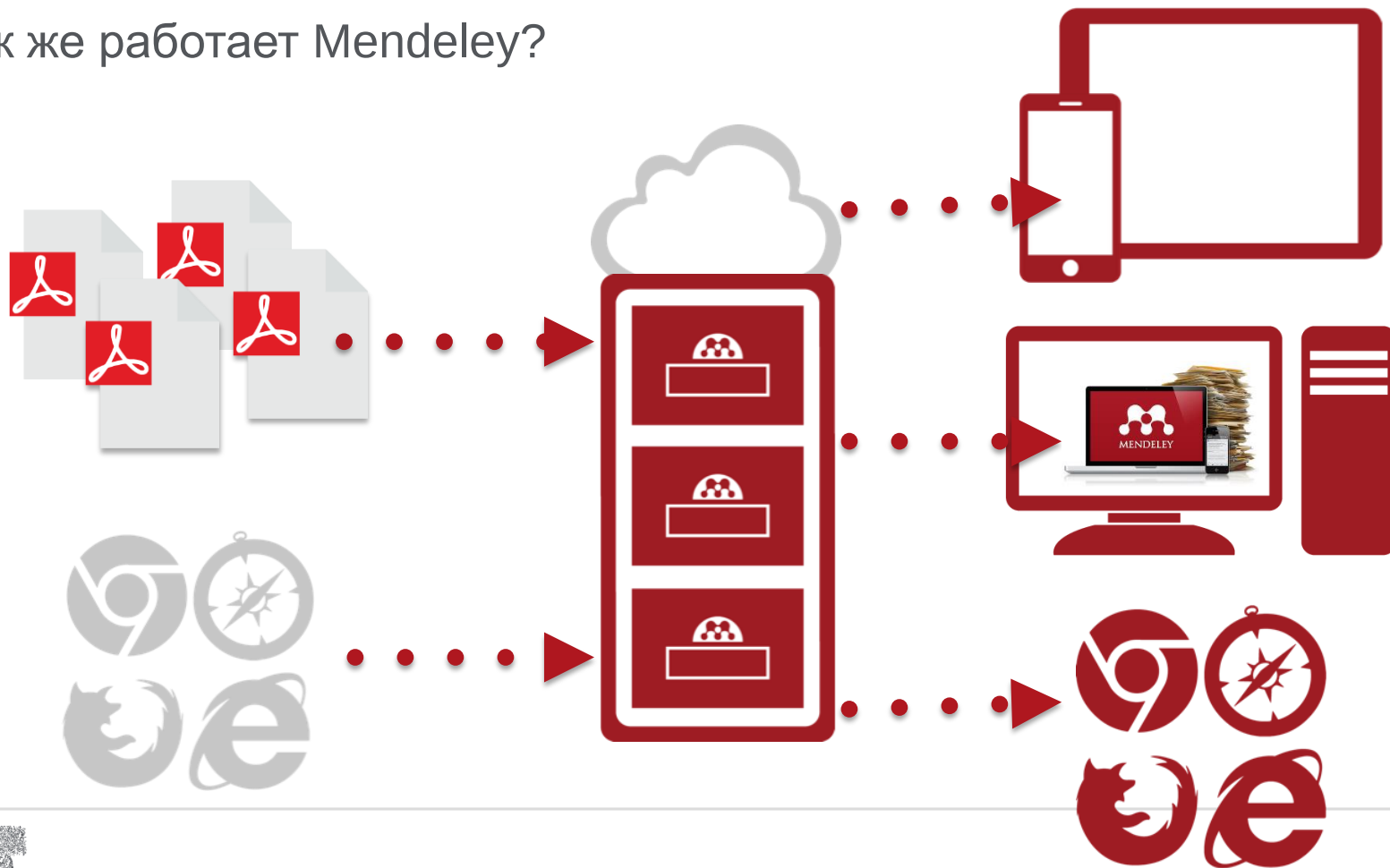
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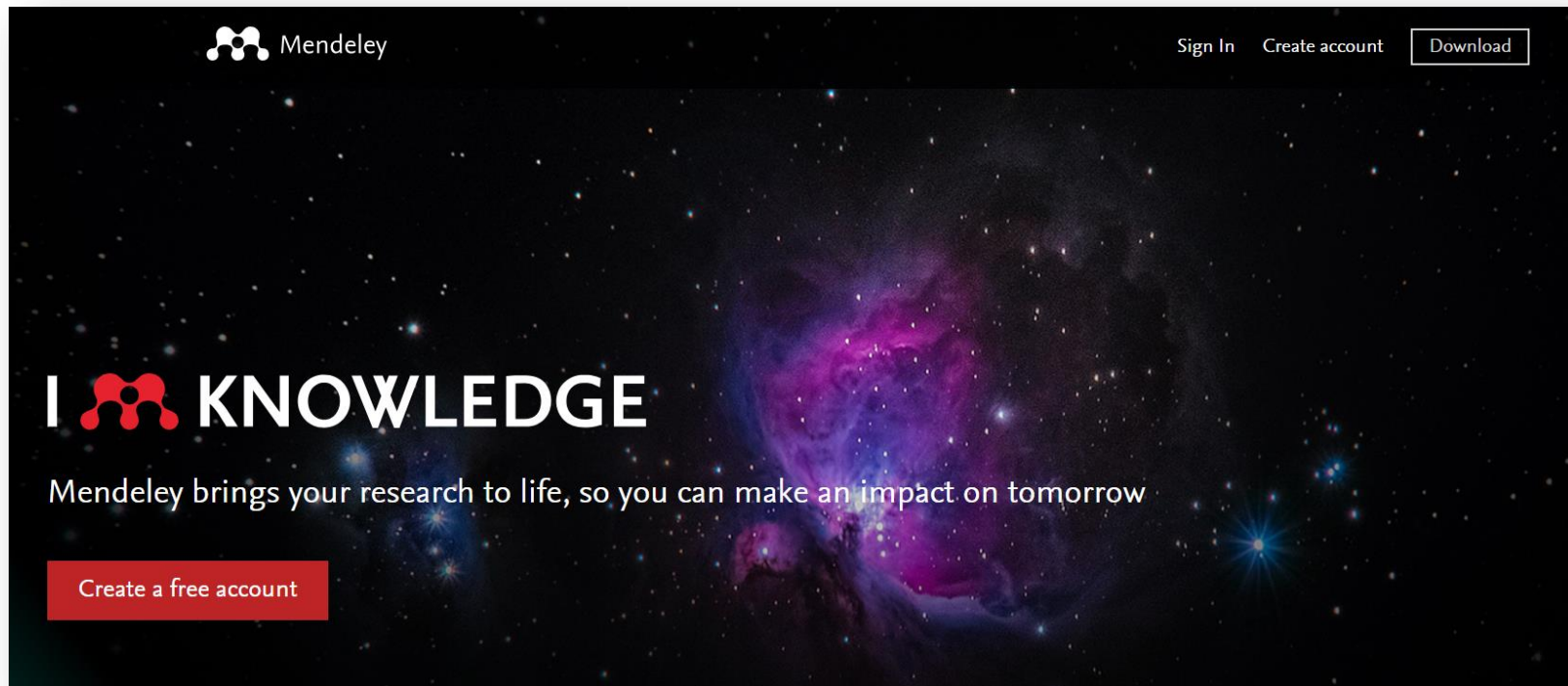
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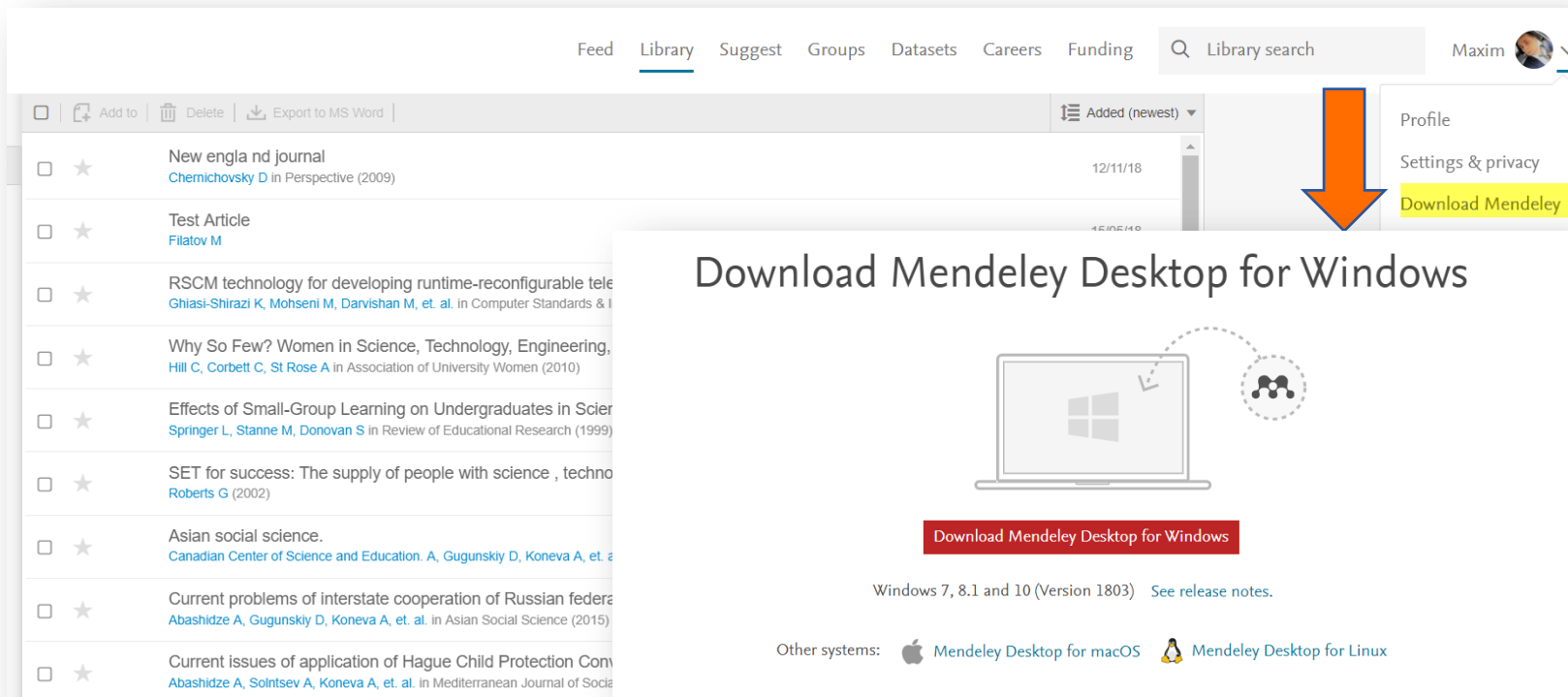
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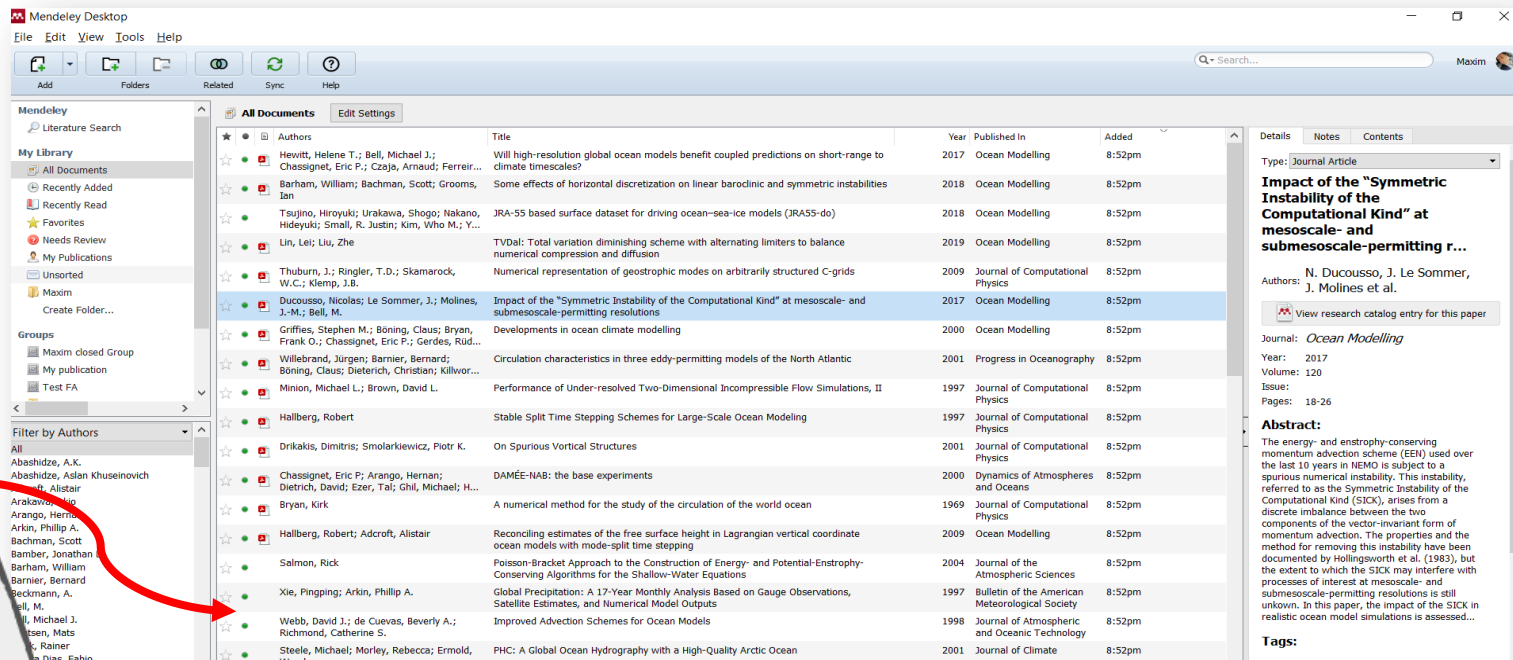
Abstract:

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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Type: Journal Article

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

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

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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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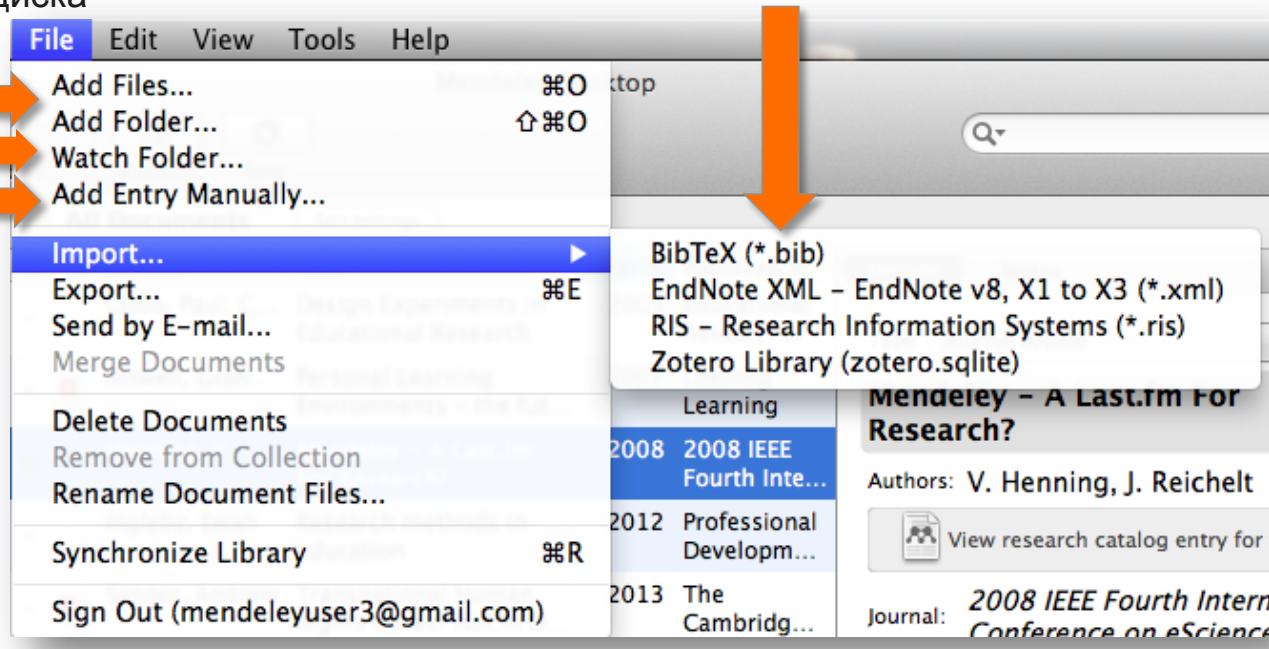
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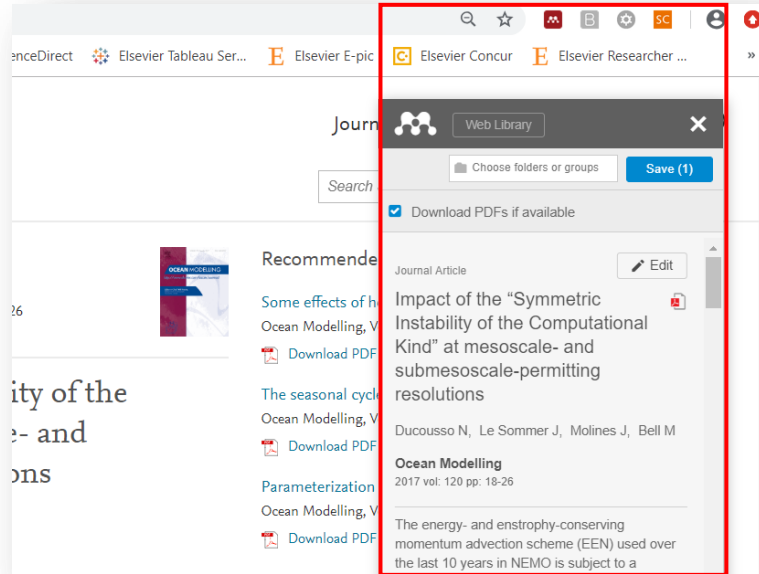


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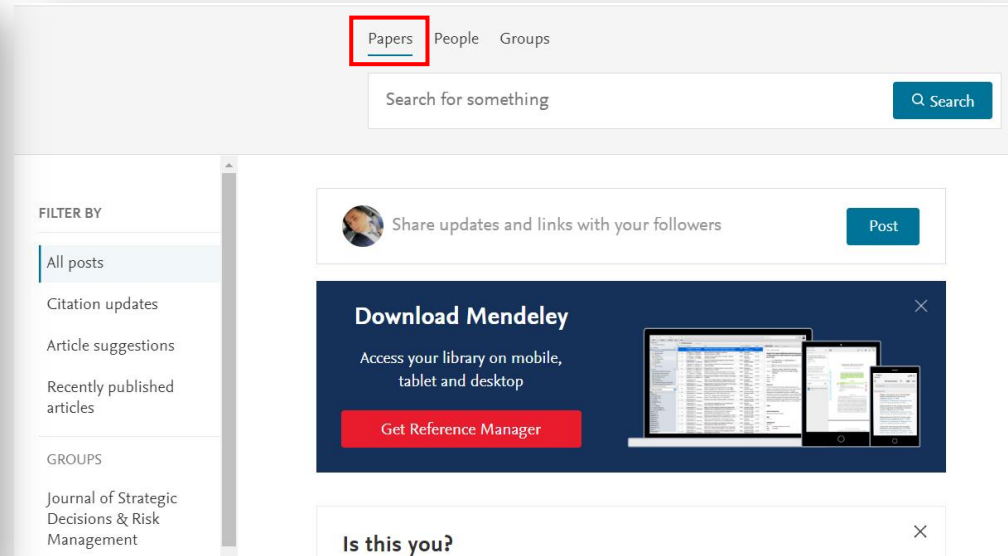
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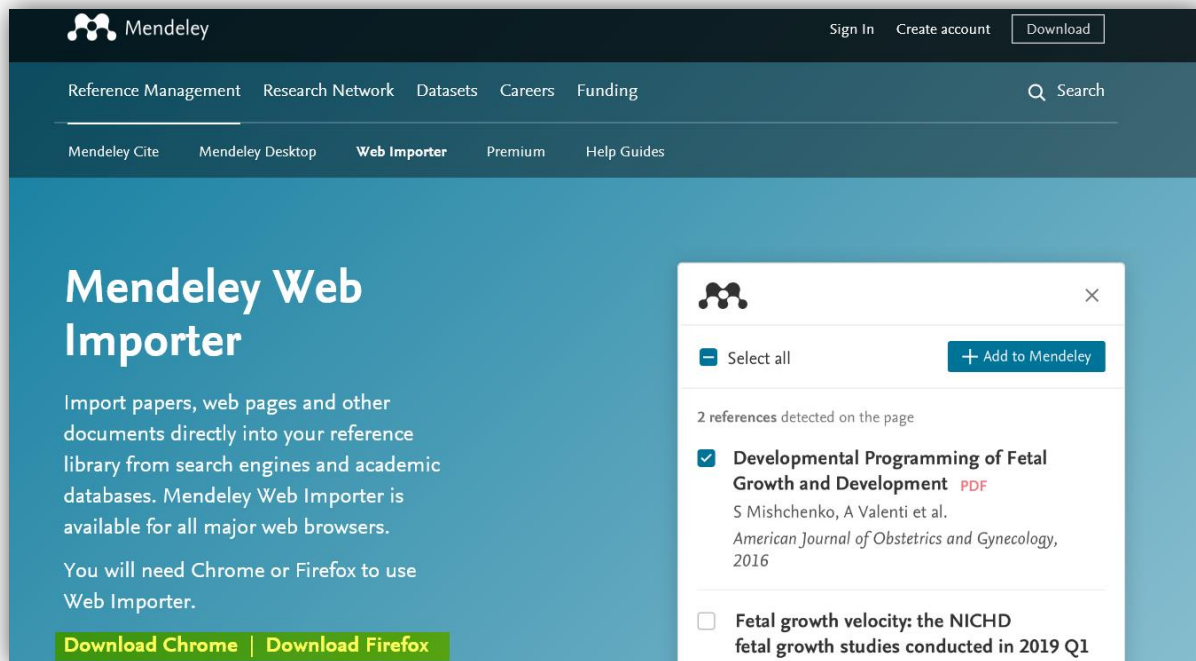


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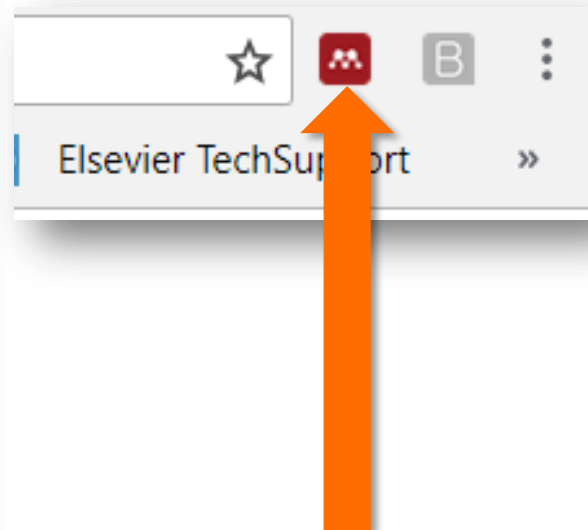
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S Mishchenko, A Valenti et al.
American Journal of Obstetrics and Gynecology, 2016
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K Hirose - Journal of inclusion phenomena and macrocyclic chemistry, April 2001, Volume 39, Issue 3-4, pp 193-209 | Cite as. A Practical Guide for the Determination of Binding Constants. Authors: Authors and affiliations. Keiji Hirose. Article. 5.8k Downloads, 388 Citations. Abstract ...
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Algorithms and thermodynamics for RNA secondary structure prediction: a practical guide
M Zuker, DH Mathews, DH Turner - RNA biochemistry and biotechnology, 1999 - Springer
... Algorithms and Thermodynamics for RNA Secondary Structure Prediction: A Practical Guide ...
About this chapter. Cite this chapter as: Zuker M., Mathews DH, Turner DH (1999) Algorithms and Thermodynamics for RNA Secondary Structure Prediction: A Practical Guide ...
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A comparison of researcher's reference management software: Refworks, Mendeley, and EndNote
SK Basak - 2014 - openscholar.dut.ac.za
... Barsky, E. (2010). Mendeley. Issues in science and technology. 2010 ... Best Evidence Medical Education (BEME). (2009). Guide for Topic Review Groups on Carrying Out BEME Systematic Review. Available from: www.bemecollaboration.org ...
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Creating a Mentoring Culture: The Organization's Guide
LJ Zachary - Development and Learning in Organizations: An ..., 2006 - emeraldinsight.com
Guide Creating a Mentoring Culture: The Organization's Guide. Author(s): Lois J. Zachary. Type: ... 2013. Article. Creating a Mentoring Culture: The Organization's Guide. Section: Choose Top of page Creating a Mentoring Cult... << Creating ...
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Human fronto-mesolimbic networks guide decisions about charitable donation PDF
Jorge Moll, Frank Krueger et al.
Proceedings of the National Academy of Sciences of the United States of America, 103, 42, 10 2006
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A clinician's guide to tissue doppler imaging PDF
Carolyn Y. Ho, Scott D. Solomon
Circulation, 113, 10, 3 2006
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K Hirose - Journal of inclusion phenomena and macrocyclic, undefined 2001
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Ocean Modelling, Volume 29, Issue 1, 2009, Pages 1-14

Julien Le Sommer, Thierry Penduff, Sébastien Theetten, Gurvan Madec, Bernard Barnier

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

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

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

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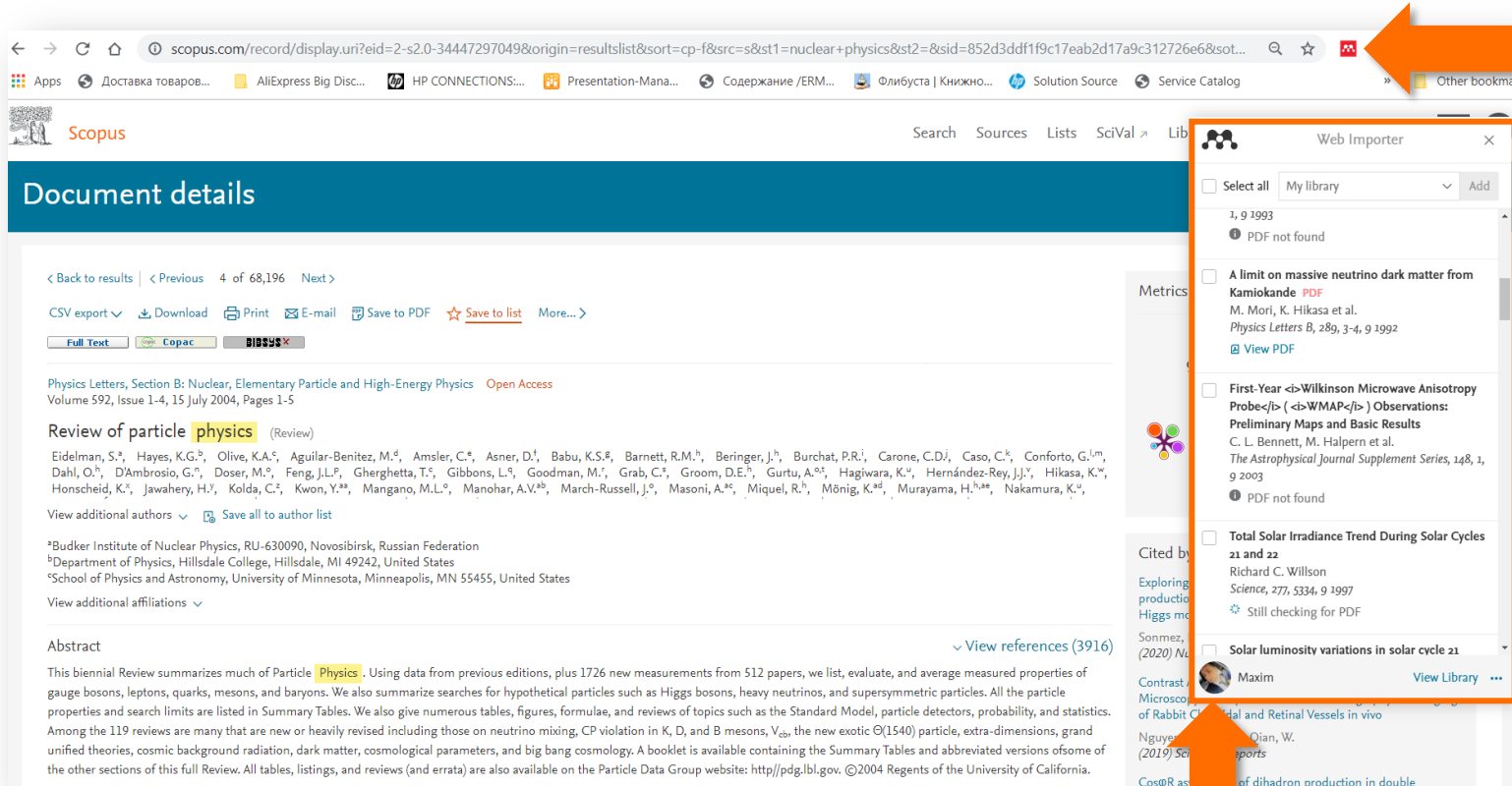
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Eidelman, S.^a, Hayes, K.G.^b, Olive, K.A.^c, Aguilar-Benitez, M.^a, Amsler, C.^a, Asner, D.^a, Babu, K.S.^a, Barnett, R.M.^a, Beringer, J.^a, Burchat, P.R.^a, Carone, C.D.^a, Caso, C.^a, Conforto, G.^a, Dahl, O.^a, D'Ambrosio, G.^a, Doser, M.^a, Feng, J.L.P.^a, Gherghetta, T.^a, Gibbons, L.^a, Goodman, M.^a, Grab, C.^a, Groom, D.E.^a, Gurtu, A.^a, Hagiwara, K.^a, Hernández-Rey, J.J.^a, Hikasa, K.^a, Honscheid, K.^a, Jawahery, H.^a, Kolda, C.^a, Kwon, Y.^a, Mangano, M.L.^a, Manohar, A.V.^a, March-Russell, J.^a, Mason, A.^a, Miquel, R.^a, Mönnig, K.^a, Murayama, H.^a, Nakamura, K.^a

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^aBudker Institute of Nuclear Physics, RU-630090, Novosibirsk, Russian Federation
^bDepartment of Physics, Hillsdale College, Hillsdale, MI 49242, United States
^cSchool of Physics and Astronomy, University of Minnesota, Minneapolis, MN 55455, United States

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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_{ub} , the new exotic $O(1540)$ 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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Some effects of horizontal discretization on linear baroclinic and symmetric instabilities

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

Journal: *Ocean Modelling*

Year: 2018

Volume: 125

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

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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.

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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
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^e NOAA/Geophysical Fluid Dynamics Laboratory, Princeton, USA
^f Scripps Institution of Oceanography, University of California, San Diego, La Jolla, California, USA
^g National Oceanography Centre, Southampton, UK

ARTICLE INFO

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Parameterisation

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, 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 questions.

Maxim Filatov

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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.

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 questions.

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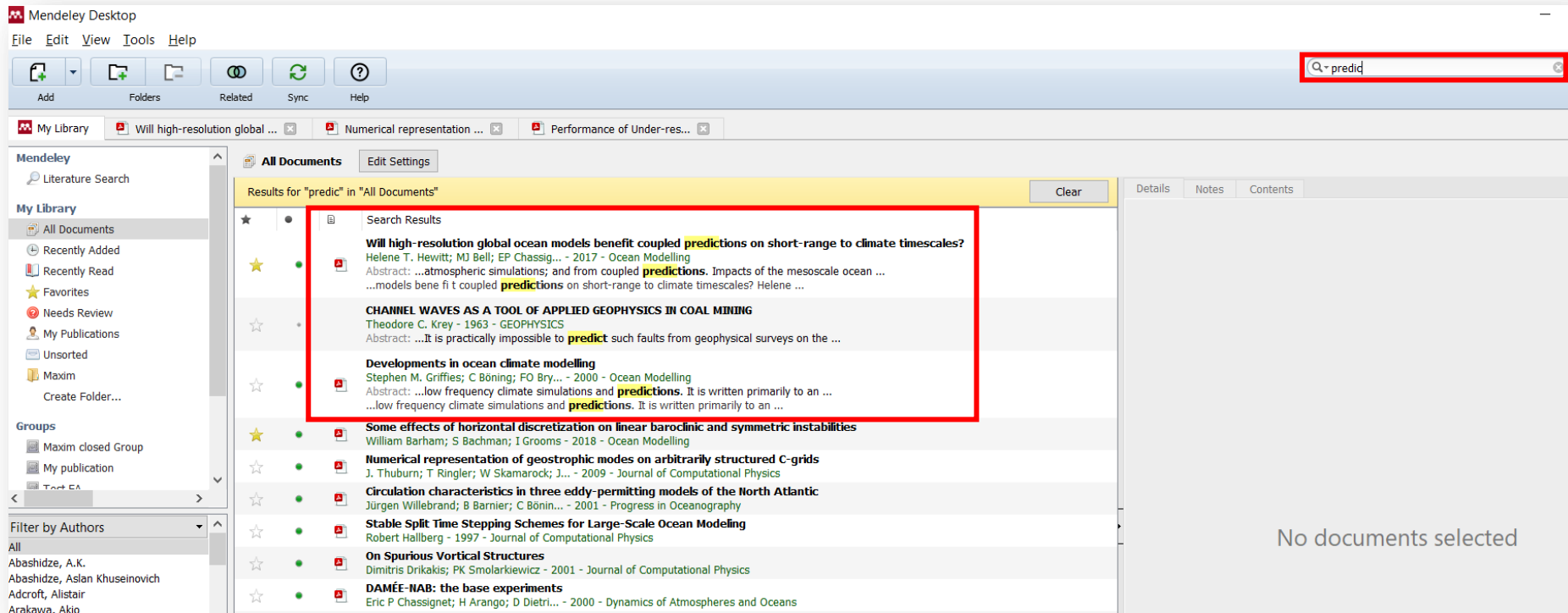
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Arakawa, Akio

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- 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 ...
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- Circulation characteristics in three eddy-permitting models of the North Atlantic**
Jürgen Willebrand; B Barnier; C Böning... - 2001 - Progress in Oceanography
- Stable Split Time Stepping Schemes for Large-Scale Ocean Modeling**
Robert Hallberg - 1997 - Journal of Computational Physics
- On Spurious Vortical Structures**
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- DAMÉE-IAB: the base experiments**
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Использование Тэгов (Tags) для категоризации документов

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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

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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.

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Возможность переименовать документы согласно заданной схеме

The screenshot displays the Mendeley Desktop application interface. The main window shows a list of documents tagged with "project2". A dialog box titled "Rename Document Files" is open, allowing users to rename documents based on a specified schema. The dialog includes fields for "Unused fields" (currently "Journal"), "File name" (with bubbles for "Year", "Author", and "Title"), and an "Example" showing the resulting filename: "2017 - Hewitt et al. - Will high-resolution global ocean models benefit coupled predictions on short-range to climate timescales.pdf". The dialog also features a "Hyphen-separated" dropdown and "OK" and "Cancel" buttons.

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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
★	📄	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	TVDAI: Total variation diminishing scheme with alternating	2019	Ocean	8:52pm
★	📄	Thuburn, J.; Ringler, T.D.; Skamarock, W.C.; Klemm, J.	Stable Split Time Stepping Schemes for Large-Scale Ocean Modeling	1997	Journal of Computation...	8:52pm
★	📄	Ducousso, Nicolas; Le Sommer, J.; Molines, J.	On Spurious Vortical Structures	2001	Journal of Computation...	8:52pm
★	📄	Griffies, Stephen M.; Böning, Claus; Bryan, Frank O.; ...	DAMÉE-NAB: the base experiments	2000	Dynamics of Atmosphere...	8:52pm
★	📄	Willebrand, Jürgen; Barnier, Bernard; Böning, Claus; ...	A numerical method for the study of the circulation of the world ocean	1969	Journal of Computation...	8:52pm
★	📄	Minion, Michael L.; Brown, David L.	Reconciling estimates of the free surface height in Lagrangian vertical coordinate ocean models with mode-split time stepp...	2009	Ocean Modelling	8:52pm
★	📄	Hallberg, Robert	Poisson-Bracket Approach to the Construction of Energy- and	2004	Journal of the	8:52pm

Rename Document Files

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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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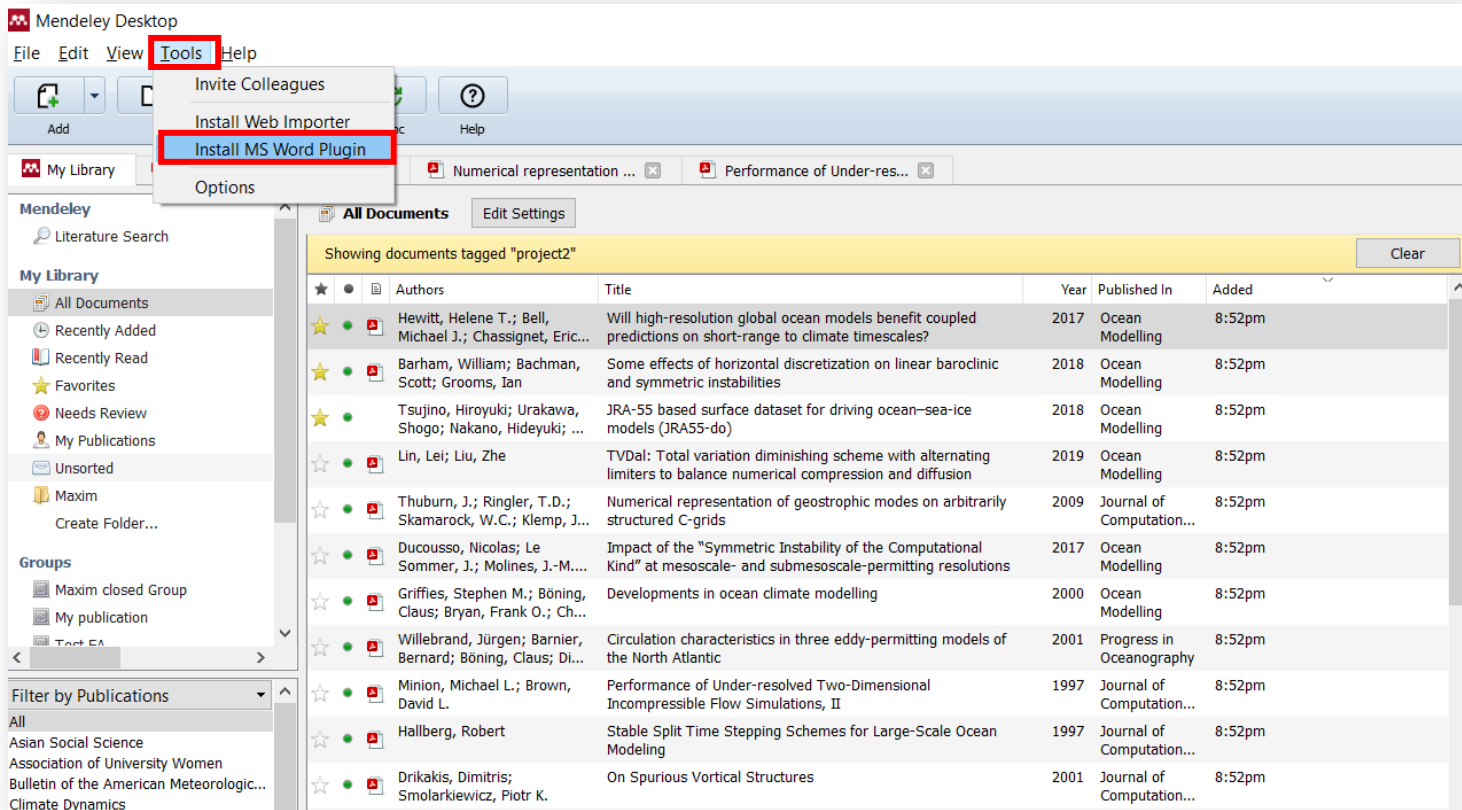
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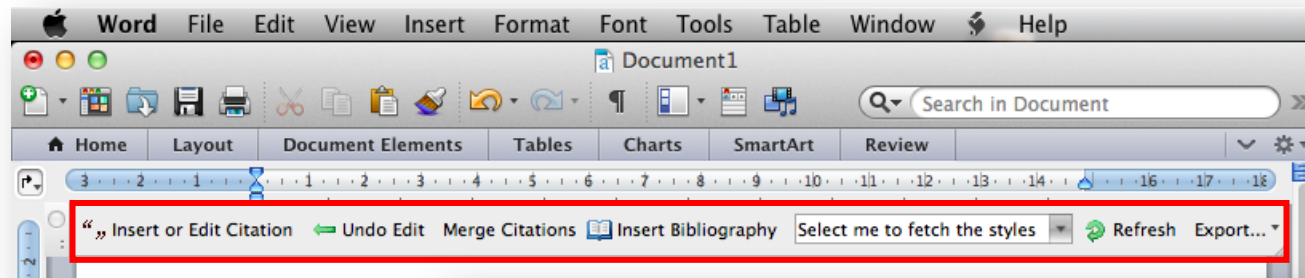
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★	●	📄	Authors	Title	Year	Published In	Added
★	●	📄	Hewitt, Helene T.; Bell, Michael J.; Chassignet, Eric...	Will high-resolution global ocean models benefit coupled predictions on short-range to climate timescales?	2017	Ocean Modelling	8:52pm
★	●	📄	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
☆	●	📄	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	8:52pm
☆	●	📄	Griffies, Stephen M.; Böning, Claus; Bryan, Frank O.; Ch...	Developments in ocean climate modelling	2000	Ocean Modelling	8:52pm
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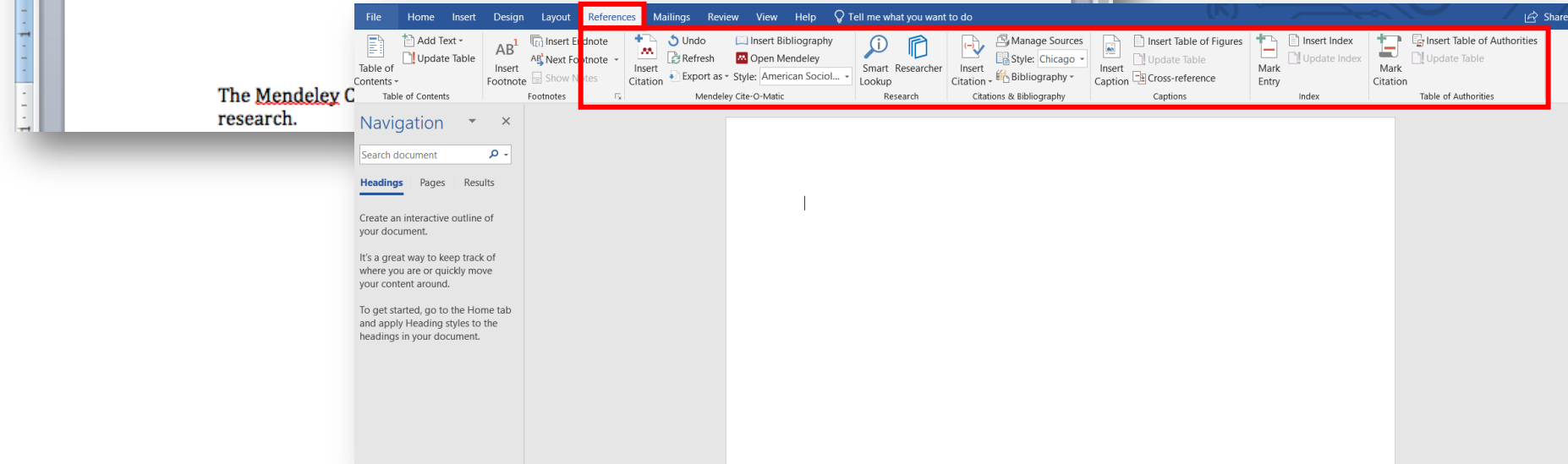
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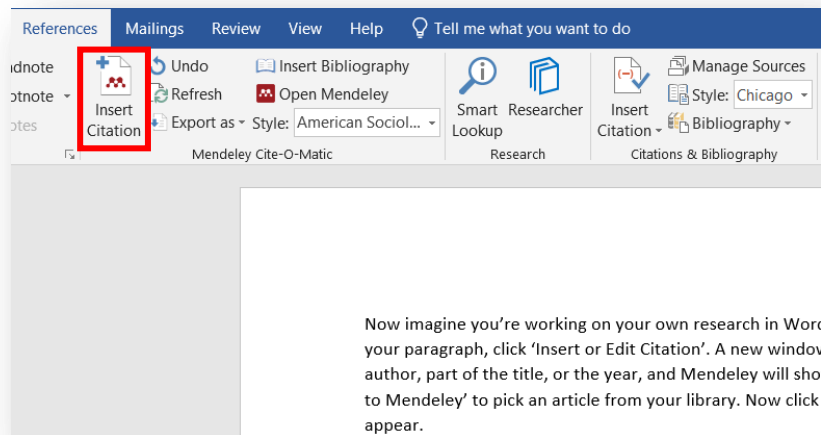
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Windows OS



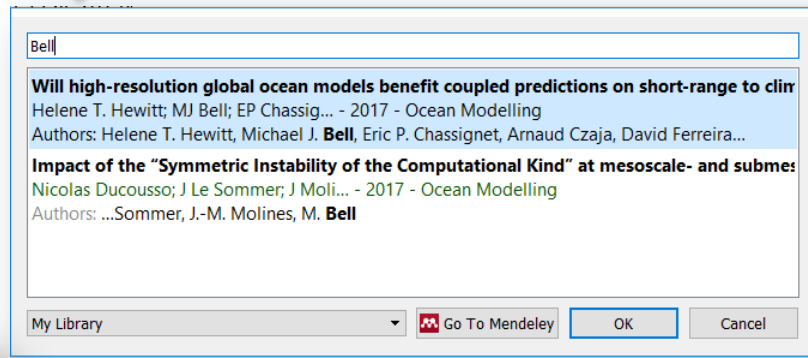
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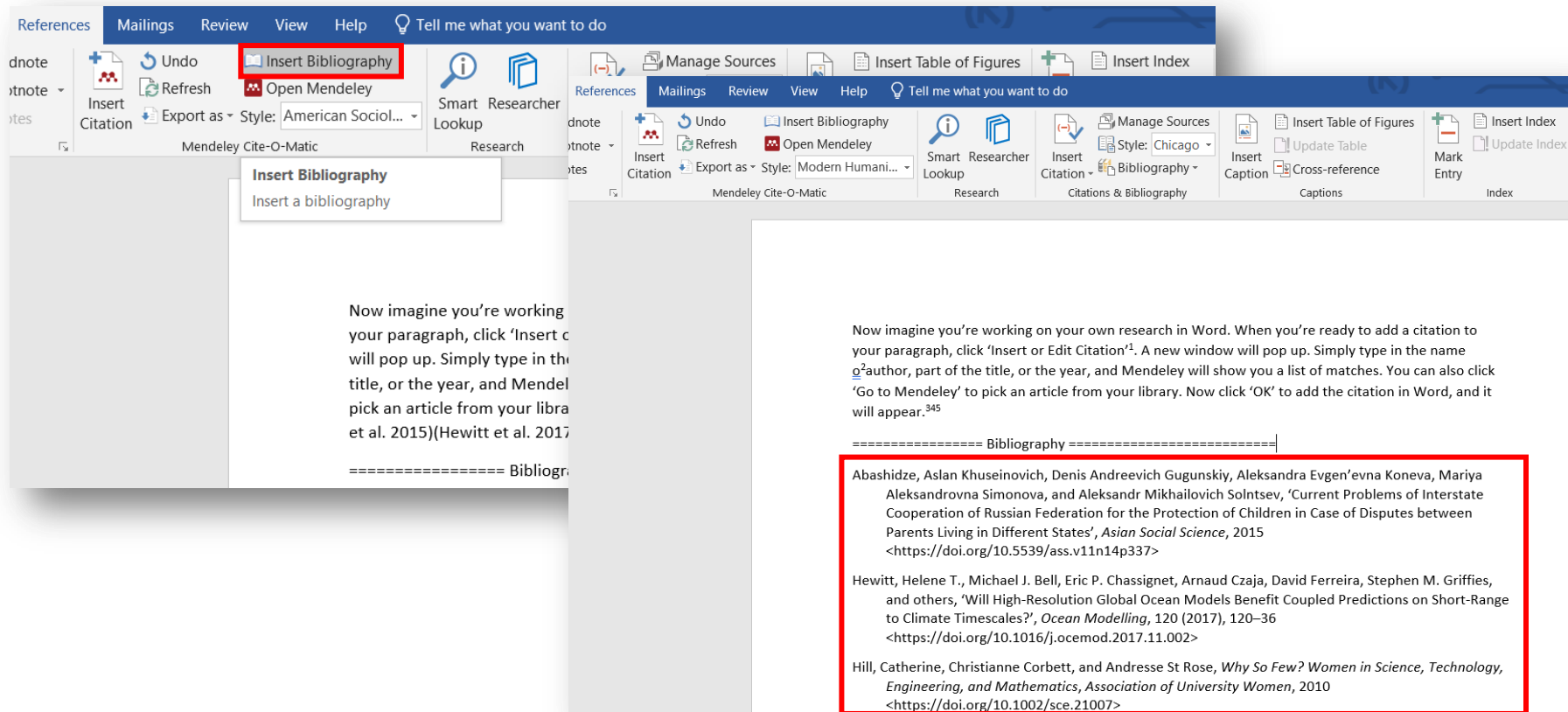
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===== Bibliography =====

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 screenshot shows the Microsoft Word interface with the 'References' ribbon selected. The 'Style' dropdown menu is open, displaying a list of citation styles. A red box highlights the 'Style: Modern Humanities Research Association 3rd edition (note with bibliography)' option. Below the ribbon, a sample bibliography entry is visible:

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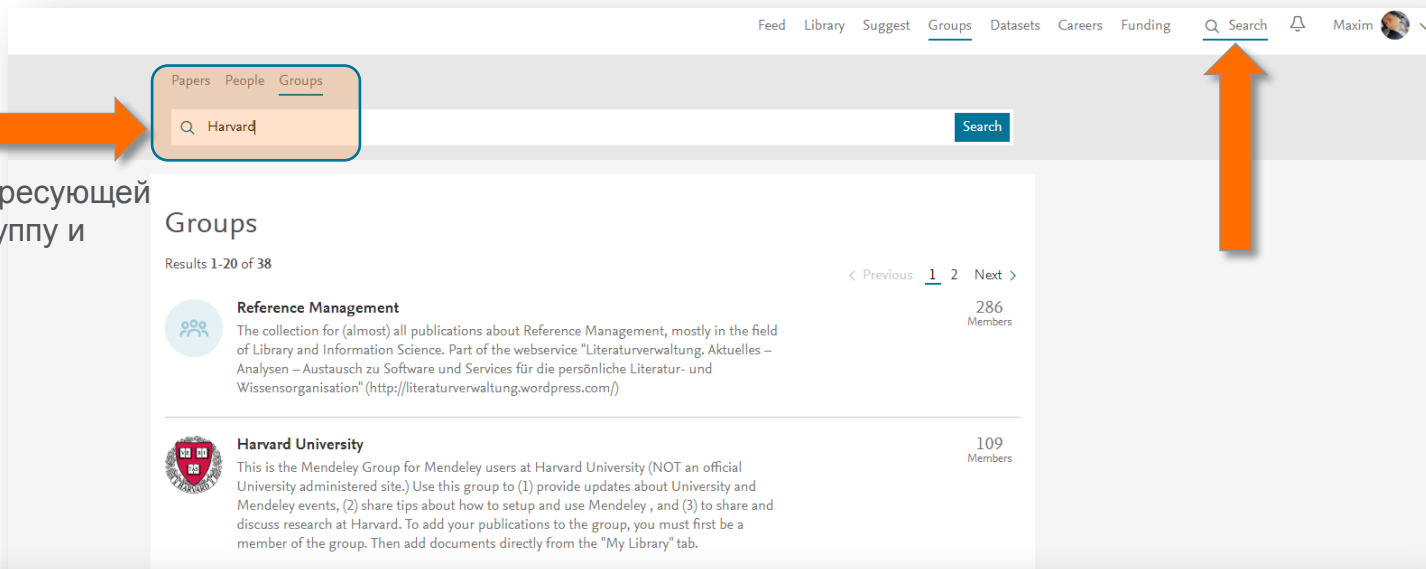


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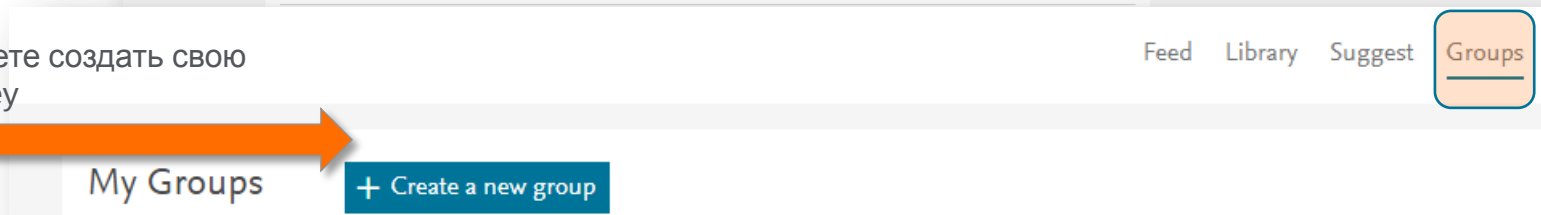
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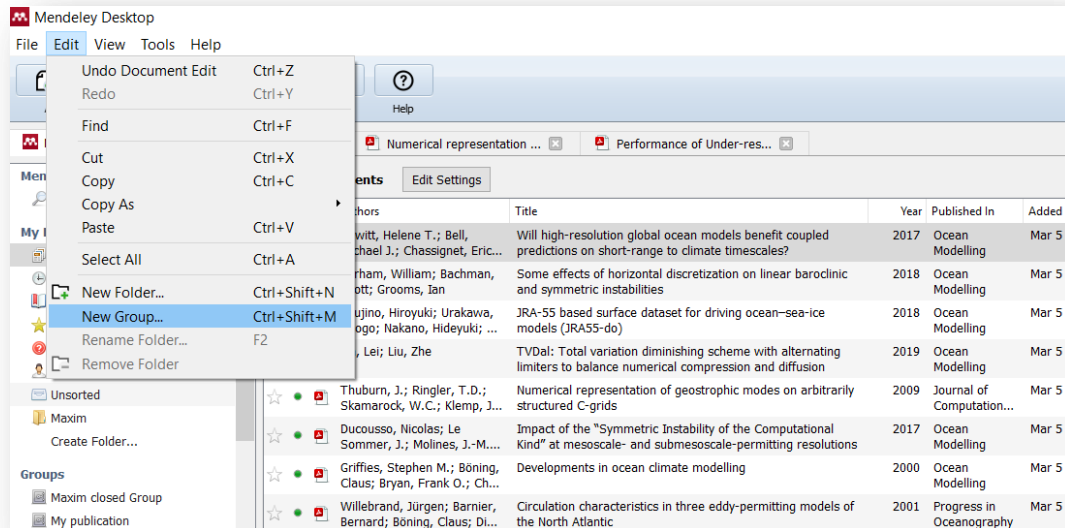
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Отслеживание активности группы

The screenshot displays the Mendeley Desktop application window. The title bar reads "Mendeley Desktop". Below it is a toolbar with icons for Documents, Folders, Related, and Sync. A search bar is located in the top right corner.

On the left side, there is a "GROUPS" sidebar. It lists various groups, with "Mendeley for Librarians" selected and highlighted in blue. Other groups include "3pm Tuesday", "Animated gifs", "Bluey trial", "Elsevier Oxford", "Geocachers of Mendeley", "Mendeley 2014 Educatio...", "Mendeley Advisor Group", "Mendeley in the Press", "Test Group", "The Feline Emporium", "The Journal of Allergy an...", "Tuesday 2pm", "Comparative Studies", "Film Adaptation", "Future of Science", "Geocachers of Mendeley", "German Studies", "Mendeley for Librarians (...)", "Narratology & Literature", "Open Access", "Papers in the press", and "The Dark Side of Research".

Below the groups list is a "Filter by Authors" dropdown menu. The selected filter is "All". Below this, a list of authors is visible: "Allen, David", "Anderson, Lisa", and "Antonescu, Mary".

The main content area on the right shows the "Mendeley for Librarians" group page, owned by William Gunn. It has tabs for "Overview", "Documents", and "Members". The "Overview" tab is active. At the top of the main area is a search bar with the placeholder text "Ask a question or comment here".

The main area displays a list of posts from group members:

- You** (profile picture of a woman): "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 Guardian. <http://www.theguardian.com/local-government-network/2014/mar/26/libraries-us-digital-community-problem-solvers>. Like · Comment · 3rd April.
- Esther Fernandez Ramos** (profile picture of a woman): "Hello and thanks! I'm a librarian at Universitat de les Illes Balears, Spain." Comment · 2nd April. You like this.
- Sandrine Royer-Devaux** (profile picture of a woman): "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>". Comment · 28th March. You like this.

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The screenshot shows the Mendeley Desktop application interface. The main window displays a PDF of a research paper titled "A game for smokers: A preliminary naturalistic trial in a psychiatric hospital" by Yasser Khazaal, Anne Chatton, Roberto Prezzemolo, Aliosca Hoch, Jacques Cornuz, and Daniele Zullino. The paper is a short communication from the Division of Substance Abuse, University Hospitals of Geneva, Switzerland. The abstract describes a game called "Pick-Klop" based on cognitive behavioral therapy, aimed at changing smokers' attitudes towards tobacco addiction. The study tests the feasibility and impact of a brief session of the intervention in a naturalistic setting within a psychiatric hospital. 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. All patients completed the intervention. The outcome shows that the intention to stop smoking becomes significantly stronger after the intervention. The conclusion states that 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. The paper is dated 2007 and published by Elsevier Ireland Ltd. All rights reserved. Keywords include Smoking, Smoking cessation, Cognitive behavior therapy, Motivational interviewing, Psychiatric hospital, and Prohibitive smoking policy.

The sidebar on the right shows a list of notes. The first note, dated 05/04/11 5:50 PM, contains the text "interesting separating parts of the abstract...". The second note, dated 06/04/11 5:46 PM, contains the text "feasibility of game toward behavior change...". An orange arrow points from the text "Делитесь полнотекстовыми документами, аннотациями и комментариями к ним." to the second note.

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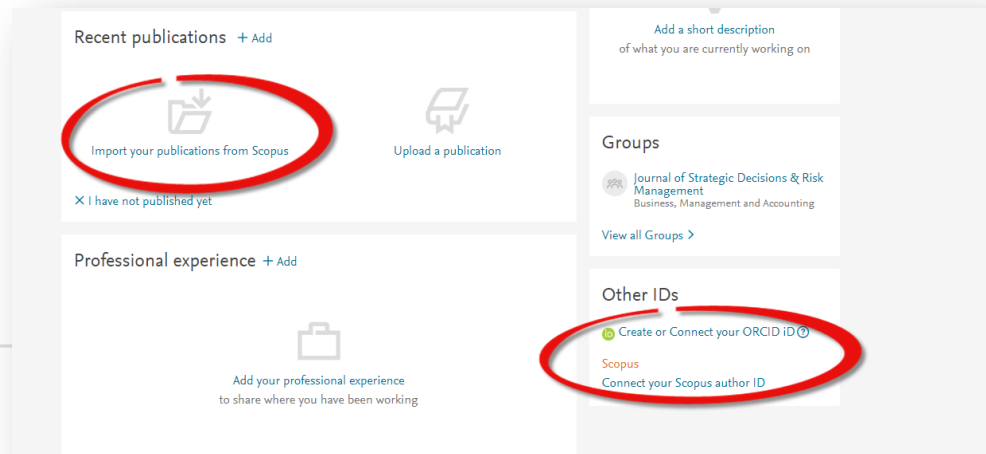
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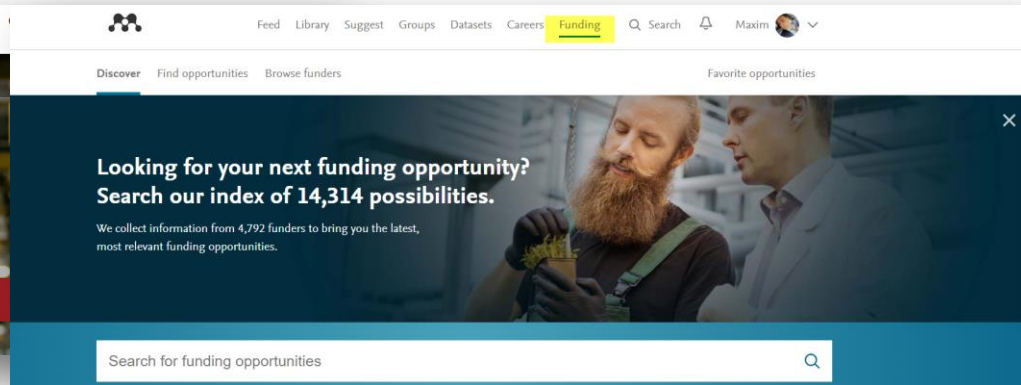
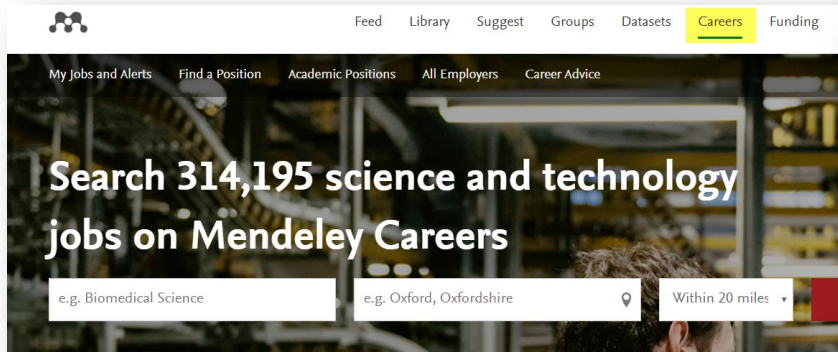
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- www.mendeley.com - Ссылка на Mendeley
- www.elsevierscience.ru - Русскоязычный сайт Elsevier
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