

NTK and your Extended Essay

Doing Research and Creating Bibliographies


PORG, 20.3.2015,
10.30-12.00

Today (10.30-12.00)

- Doing Research: What it means and how it fits with your Extended Essay

Key Skills in Context:

- What is an academic journal?
- How can I find an academic journal or book?
- What can I do from home? On a computer and on mobile devices?
- When do I have to go to the library?
- How do I write a bibliography? What kind of tools are there to help me?
- What is plagiarism and how do I avoid it?
- "Hands on" Exercises




NTK
Národní technická knihovna
National Library of Technology

Overview

- Research on your subject is the first step in the process of writing your Extended Essay
- The open web is full of information, but many “serious” materials exist elsewhere. You must use these when creating a good Extended Essay
- Use of library resources makes this easier, because they are peer-reviewed and
 - GoogleScholar is o.k, but you should activate the links to libraries to make it easier to get the full-text quickly and easily
- Now that you are registered in the library, you can easily find resources from home. Today we will tell you how and what you can expect to find
- Everything that you learn today you can use in your future university work


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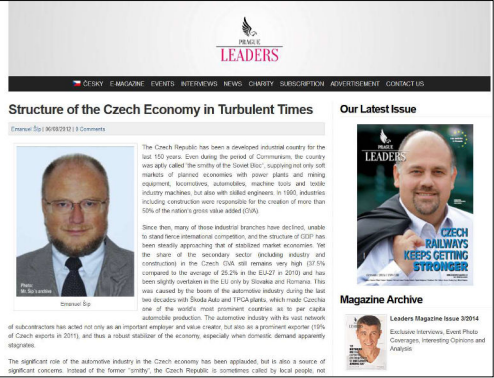
Characteristics of Peer-Reviewed Sources

- “Serious” appearance
- Typically written by academic authors (professors and others)
- Almost no commercial advertisements



Assessing the impact of fiscal measures on the Czech economy
Robert Auštinčík^{1*}, Jan Hubáček², Lukáš Křížáček³, Václav Váňa⁴

ABSTRACT
We build a DSGE model to investigate the transmission of fiscal policy to the real economy of the Czech Republic. Implications for the business cycle and for the labor market are analyzed. The model is estimated using quarterly data from 1995 to 2012. The results show that fiscal expansion has a positive effect on output and employment, but the effect is smaller than in the standard DSGE model. The model also predicts that fiscal expansion leads to a decrease in the real wage and an increase in the real interest rate. The model is used to evaluate the impact of fiscal expansion on the Czech economy. The results show that fiscal expansion has a positive effect on output and employment, but the effect is smaller than in the standard DSGE model. The model also predicts that fiscal expansion leads to a decrease in the real wage and an increase in the real interest rate.



Structure of the Czech Economy in Turbulent Times

Our Latest Issue

Magazine Archive

Leaders Magazine Issue 2014
Exclusive Interviews, Event Photos
Coverage, Interesting Opinions and
More!

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Example: What is an academic journal?

- Go to: www.techlib.cz
- Login (top right)
- Search for: **railways in central europe**
- Refine Your Search: 1. Items with full-text online 2. Limit to articles from scholarly publications, including peer-review
- Example: “Extreme weather impacts on freight railways in Europe” 1. Click on *Full Text Online* 2. Click on *View Article*
- Note the typical structure – *References* are especially helpful in finding other articles on your topic
- Note: you can find articles in other languages

Comparison of finding books using library v. GoogleScholar

- Search for: **elbe ecology** (in main search box)
- Refine Your Search: 1. Items with full-text online 2. Limit to books/eBooks
- Example: “Rivers of Europe” 1. Click on: Full Text Online 2. Click on: Elsevier ScienceDirect Books 3. Note Table of Contents; you can easily scan content
- Open a new browser or tab
- Do the same search in GoogleScholar; first, make sure you include libraries in your settings! This is very important: 1. scholar.google.com 2. Settings 3. Library links 4. NTK 5. Save; then: 1. Search for: **elbe ecology** 2. Follow the link: Zizkat v NTK (SFX) 3. You will then be able to access the full-text via Elsevier ScienceDirect Complete
 - Note: GoogleScholar is good for articles, but not as useful for full-text eBooks; the library has a good eBooks collection

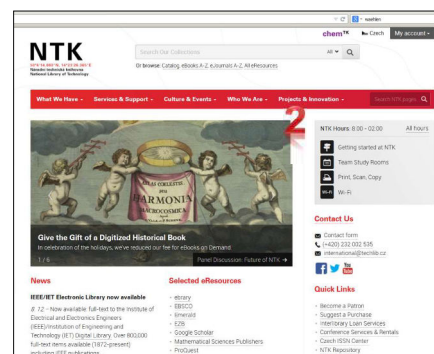
Finding Academic Books in the Library

- Go to **techlib.cz**
- Search for: **dictionary of engineering**
- Refine Your Search: 1. Limit to books/eBooks 2. Language: German
- Example: 1. Search Results: second page 2. Elsevier's dictionary of automation technics: English, German, French, and Russian 3. Note – Floor, Shelf, Is the book checked out or not?
- “Real” books are very trustworthy (even more than Wikipedia) – especially dictionaries and encyclopedias are useful
- Questions?

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Remote Access

- Work from home or elsewhere, whenever you want
- Important: you need the username and password you got when you registered
- **Login first**
- ...then search for things



- Note other features of registration

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How do I write a bibliography?

- Many examples online:

http://www.studis-online.de/Studieren/Wissenschaftliche_Texte/literaturverzeichnis.php

http://www.uni-ak.ac.at/culture/culth_LV/Rein-EkwA/Literaturverzeichnis.pdf

<https://www.youtube.com/watch?v=iVtE8nAdP1Q>

- Use of library resources makes creating a bibliography easier. Why?
 - You can export citations from the library resources and don't have to type them again (!)
 - You can save citations in a "citation database" using citation database software. That makes it easier to: 1: Insert citations into your paper in Word while you write and 2. Automatically generate the bibliography when you are done writing the main body of the paper

Where can I find citation management software?

- Zotero is free and user-friendly
- Today we don't have enough time, but try it at home:
 - Download Zotero: <https://www.zotero.org/download/>
 - Read the documentation and watch the videos – Czech versions available
- You can also use Mendeley – it has better mobile device integration
 - Create an account: <http://www.mendeley.com>
 - Download Mendeley Free and app
 - Video tutorials: <http://www.mendeley.com/videos-tutorials/>
 - More information: <http://resources.mendeley.com/>

Let's practice exporting citations

- www.techlib.cz
- Search: **beer brewing czech republic**
- Items with full text online, Limit to scholarly publications, journal articles
- “Beer branding in British and Czech companies: a comparative review”
- Full Text Online
- Blue Toolbar: go to Export/Save, PDF
- You can import such a PDF into Zotero or Mendeley, and its related citation information will automatically be imported into your citation database
- Different resources have different export possibilities; another example...

Let's practice exporting citations

- Go back to your search results (beer brewing czech republic)
- “Determination of ochratoxin A in brewing materials and beer by ultra performance liquid chromatography with fluorescence detection”
- Full Text Online
- Note: it's a new database! (here: ScienceDirect)
- Export Directly to Mendeley, for example
- Questions?

Thank you/summary of important things

- techlib.cz or techlib.cz/en
- FB: <https://www.facebook.com/ntkcz> (CZ and EN)
- Twitter: <https://twitter.com/ntkcz>
- Email, call, or stop by any time
- Discussion and activity