CAAS CZECH ACADEMY OF AGRICULTURAL SCIENCES

Open Access CAAS Agricultural Journals

Journal of Forest Sc

caas journals   home page   about us   contact us   subscription   login

`Search authors, title, keywords,...`

Forest yield index and its applicability to the assessment of future forest yields

L. Kulla, J. Tutka, R. Marušák

https://doi.org/10.17221/45/2008-JFS

download PDF

The paper suggests and examines a simplified relative indicator of forest production, with special regard to possibilities of its use in projecting future forests. Forest yield index (I_Y), based on an economic parameter "value of final cutting yield" was proposed, and examined in the model territory of Kysuce in north-western Slovakia. The current values of final cutting yield, dependent on tree species, site index and the length of rotation period served as a basis for the assessment of expected yields. The possibilities and limitations of index applicability in long-term strategic forest management decision-making are discussed, considering the uncertainty of ecological and economic conditions during the long forest production cycle, as well as the complexity of tree species growth and production in the mixed forests, uneven aged forests and forests under climate change.

Keywords:

forest growth; wood production; final cutting yield; tree species composition; forest management

download PDF

SJR (SCImago Journal Ra
SCOPUS)

2017: 0.206 – Q4 (Forestry

f Share

New Issue Alert

Join the journal on Faceb
Ask for email notification

Publish with JFS!

– Full Open Access
– Rapid review and fast pu
– International knowledge
– No article processing ch

Similarity Check

All the submitted manusc
checked by the CrossRef
Check.

Referred to in

– Agrindex of AGRIS/FAO
database
– CAB Abstracts
– CNKI
– Czech Agricultural and I
Bibliography
– DOAJ (Directory of Ope
Journals)
– Elsevier's Bibliographic
Databases
– Google Scholar
– J-Gate
– SCOPUS
– TOXLINE PLUS
– Web of Science (BIOSIS
Index)

Licence terms

All content is made freely
for non-commercial purp
users are allowed to copy
redistribute the material,
transform, and build upo
material as long as they c
source.

Open Access Policy

This journal provides imm
open access to its conten
principle that making res
freely available to the pub
supports a greater global
exchange of knowledge.

Contact

Mgr. Petra Kolářová
Executive Editor
phone: + 420 227 010 355
e-mail: jfs@cazv.cz

Address

Journal of Forest Science
Czech Academy of Agricu
Sciences

For Reviewers

Guide for Reviewers

Reviewers Login

Subscription

For Reviewers

Guide for Reviewers

Reviewers Login