

الاية

قال تعالى:

(وَلَا تُفْسِدُوا فِي الْأَرْضِ بَعْدَ إِصْلَاحِهَا
ذَلِكَ خَيْرٌ لَّكُمْ إِنْ كُنْتُمْ مُؤْمِنِينَ)

صدق الله العظيم
سورة الأعراف – الآية 85

DEDICATION

We would like to dedicate This simple work To:

Our Mothers

Our Fathers

Our Brothers

Our Colleagues

Our Friends & All whom love us

ACKNOWLEDGMENT

With respect and appreciation we thank our supervisor

Dr/Hago Elfadil Haroun

Who had continuously provided valuable assistance ,
guidance and support from the beginning to the end of
this study .

Special thanks to our colleagues , our graduates , our
friends ..

To our university

Our colleague

Our department

Our teachers

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مستخلص البحث

بحثنا يتعلق بتسليط الضوء على إعادة تدوير الورق وأهمية العملية في البيئة من حيث المحافظة على المظهر العام وأضرار التلوث نتيجة للتخلص منه بالحرق ووجوده في المخازن دون الاستفادة منه. مع العلم أنه يمكن إعادة تدويره حتى 6 مرات كما في بعض الدول المتقدمة كالنرويج والسويد.

يناقش البحث أيضا أهمية المشروع في اقتصاد الدولة التي تستهلك 60 مليون شهريا لاستيراد الورق من الخارج.

يكثر استخدام الورق في الصناعات والحياة اليومية وبصورة متزايدة مما يلزم وجود مصنع لإعادة تدوير الورق. مع العلم أن التكلفة الكلية لا تزيد عن مليون دولار.

الهدف الرئيسي من هذا البحث تثقيفي.

وهي رسالة نوجهها لربات المنازل بعدم التخلص من الورق بالحرق وجمعه في حاويات خاصة لتتم له عملية إعادة تدوير.

وهي أيضا رسالة للطلاب في المدارس بأن هذه العملية يسهل تطبيقها في المدارس باستخدام أدوات بسيطة كالخلاط وقمع بخنر. وهي عملية آمنة وغير خطيرة. وهو نشاط ممتع.

Abstract

Our research is about pinpointing recycling paper and the importance of this process in the environment from the aspect of the general appearance of the streets , the pollution resulting from burning papers , papers being put in the stores without any benefit with knowing that it can be recycled easily until 6 times maximum as so many developed countries for example Norway and Sweden .

The research also discusses the importance of the project and its effect on the economy of the country that wastes 60 million dollars monthly on importing papers from outside .

Papers are used commonly in the industry , in our daily life and increasingly so it is crucial that a factory of paper recycling is existed in Sudan and it takes not more than 1 million dollar to initiate it .

The optimum goal of this project is educational . it is a message to the mothers in the houses , not to burn papers for disposal and rather put it in special containers so it can be recycled and reused . a message also to the students in the school that this process is applicable easily using simple tools , it is a very safe and entertaining method .